

## Product datasheet for **SC325549**

### LEUTX (NM\_001143832) Human Untagged Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Name:             | LEUTX (NM_001143832) Human Untagged Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tag:                      | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Symbol:                   | LEUTX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Fully Sequenced ORF:      | <p>&gt;OriGene sequence for NM_001143832 edited</p> <pre> GAATTGCTTGAAAAGACCATGCACCCAAGTTTGGCTACAATGGGGAACTGGCTTCAAAG CTACAACCTTGATCTATCCGTAGTAAAGATCTGGTTCAAGAACCAGCGTGCCAAATGGAAG AGGCAGCAGCGGCAGCAATGCAGACACGCCATCACTAGGGCCAGCAAACCAGACAAC TCAGTGAAGAAGGAGGAGACTCCCTCAGCCATACTACTGCAAACATTCGTCCAGTAAGT CCTGGAATCTCTGATGCAAAATGACCATGATCTACGTGAGCCTTCTGGTATCAAGAATCCT GGAGGAGCCAGCGCCTCTGCGAGGGTTTCATCCTGGGATTCTCAGTCATATGACATTGAA CAGATATGTCTGGGGGCTTCAAATCCTCCTTGGGCCTCCACTCTCTTTGAAATAGATGAA TTTGTAAGATCTATGACTTGCCAGGGGAAGATGACACCAGCAGCCTAAATCAATATCTT TTTCCAGTATGCCTTGAGTATGACCAGCTCCAATCTTCAGTGTAACCTTCTACACATCAC TTCTAGGGGAGGTCTGGATCTGACCCACTGAGACATATTTCCACACATCTTTAATGGTTT GACCCAGTCTAAGTAGATCAGGGGCTGGGAATTAAAGGCGAATTCCAGCACACTGGCG GCCGTTACTAGTGGATCCGAGCTCGGTACCAGATCT </pre> |
| Restriction Sites:        | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ACCN:                     | NM_001143832                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Insert Size:              | 500 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OTI Disclaimer:           | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTI Annotation:           | The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001143832.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Components:               | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |


[View online »](#)

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_001143832.1, NP_001137304.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 672 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq ORF:</b>            | 507 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 342900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u>A8MZ59</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 19q13.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Summary:</b>          | <p>Paired-like homeobox transcription factor involved in embryogenesis (PubMed:27578796, PubMed:30479355). May act as a regulator of embryo genome activation (PubMed:27578796). Binds to a 36 bp DNA elements containing a 5'-TAATCC-3' sequence motif, referred to as EEA motif (EGA-enriched Alu-motif), present in the promoters of target genes activated in early embryos (PubMed:27578796, PubMed:30479355).[UniProtKB/Swiss-Prot Function]</p>                                                                  |