

Product datasheet for SC120744

SLAIN1 (NM_144595) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLAIN1 (NM_144595) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLAIN1
Synonyms:	C13orf32
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120744 sequence for NM_144595 edited (data generated by NextGen Sequencing) <pre> ATGGGATATAAATTACAGGACCTCACTGATGTTTCAGATCATGGCTCGTCTGCAAGAAGAA AGTCTCAGGCAAGATTATGCTTCTACTTCAGCATCTGTATCAAGACATAGTTCCAGTGTG TCATTGAGTTCAGGAAAAAAGGACATGTAGTGATCAAGAATATGACCAATACAGTCTG GAGGATGAAGAGGAATTTGATCATTGTCACCACTCAGCCTCGTCTTCCAAGATGTTCC CCTTTCCAAGAGGAATCCCCATTACAGACTTTCTCCAGCATTCGGGAGTGTAGGAGG AGCCCCAGTTCCTCAGTATTTCTTCAAATAATTACCAGCAGCAACAGTATTATTCACCT CAAGCCCCAACTCCAGATCAGCAACCAATAGGACCAATGGAGATAAGCTCCGAAGAAGT ATGCCTAACCTAGCCCGGATGCCAAGTACAAGTCCATTAGTAGCAACATTAGTTCTCCG GTCACCGTGCGAAATAGTCAGAGTTTTGACTCAAGCTTGCATGGAGCTGGAAATGGAATT TCAAGAATACAATCTTGTATTCCATCACCGGGACAGCTTCAACACAGGGTCCACAGCGTG GGGCATTTCCAGTGCTATCCGACAGCCTCTTAAAGCCACAGCCTATGTGAGTCCAACC GTTCAAGGCAGCAGTAACATGCCTTTATCAAACGGCTTACAGCTGTATTCCAACACAGGA ATCCCCACACCGAACAAGCTGCAGCTTCTGGGATAATGGGTGCGAGTGCACCTCCAAGA CCTTCGTTGGCAATAAATGGGAGTAACCTGCCTCGAAGCAAAATTGCACAACCTGTTAGA AGTTTTCTCAGCCTCCAAAGCCTCTGTCTTCACTCAGCACTCTGAGGGATGGAAATTGG AGAGATGGTTGCTACTAA </pre>

Clone variation with respect to NM_144595.3



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144595 unedited <pre> GGCGGCCCGCGATTTCGGCACCGAGNAAGCAATACTAACACCTGAAAAACAGGTTACACT TCCAGGGGCTCCCCACTCAGTCCCCAGTCATCTATCGACAGTGAGCTGAGTACTTCAGAA TTGGAGGATGATTCTATCTCCATGGGATATAAATTACAGGACCTCACTGATGTTCCAGATC ATGGCTCGTCTGCAAGAAGAAAGTCTCAGGCAAGATTATGCTTCTACTTCAGCATCTGTA TCAAGACATAGTTCAGTGTGTCTTTCAGTTTCAGGAAAAAAGGGACATGTAGTGATCAA GAATATGACCAATACAGTCTGGAGGATGAAGAGGAATTTGATCATTGGCCACCACCTCAG CCTCGTCTTCCAAGATGTTCCCTTTCCAAGAGGAATCCCCATTACAGACTTTCTCC AGCATTGGGAGTGAGGAGGAGCCCCAGTTCAGTATTTTCTTCAAATAATTACCAG CAGCAACAGTATTATTCACCTCAAGCCCAAACCTCCAGATCAGCAACCAATAGGACCAAT GGAGATAAGCTCCGAAGAAGTATGCCTAACCTAGCCGGATGCCAAGTACAACCTGCCATT AGTAGAACATTAGTTCCTCGGTACCGTGCGAAATAGTCAGAGTTTGTACTCAAGCTTGC ATGGAGCTGGAATGGAATTTCAAGAATACCATCTTGATTCCATCACCAGGACAGCTTC ACACAGGGTCCACAGCTGGGGCATTTCAGTGTCTATCCGACAGCCTCTTAAAGCCCA GCCTATGTGAGTCAACCCGTGAGGCAGCAGTAACATGCCTTTTATCAACGCTTACAGCT GNATTCACACAGGATNCCACACCGACAAGCTGCACTTCTGATAATGGNCCCATGCCTTC CAAAACCTTCGTGCATAAGGGAATAACCTGCTGAGCAATT </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_144595 unedited <pre> CTATGAACCGCGCGCAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTGTCTATCAAAA AGATTATTTGCTTTAAAGCATTTCATTTCCAGAAGCATTGTTAATAAAACATTACAGTTT CATCCTTCGTAATAAAGTATTGAAAATCAATTGTGGTACAGTAGCAAACATTGCAGGTAT TAAGTGCAATGAGCTCATGATGCCGTTATAAATATGAAACCCATGTATGACAATAAATTA AAAATGAAAAAGACAGGACCATTAAATTCTGCTGTCTGGTTATCTCCTTGAATGCTTCA AATTATGTTGTGCTCATTCAACACAAAATTATGTGTCTCAAATTGCATGATGTGTTTTTG CTGATATATCCCTAGAGCTAAAAAATAGTACCTTACCACAAAAATTTTTATGGCACA AAATTTAAGTTGTTCCATAGTGGTTCACATAGGTGTAAGAAAGAAATAGGCACAAAAATA AAATTCCTGTAACTATAAAAAAGTAAATTTCAAAGCATACATTATAGAACCCTAGTTGTC AATATGCAATGTATTAATAACAGAACATGTAATGGAAAGATGTTTAGAACACGTGAGTA AATTGAACAAGTTACTTTAAAAAATCATATGGCAAAGCATTATTGATACATCTTAATTC TCTCAAAAAGTATTCAGGTACAGAGCAGTTCTACAAAACTTCTAGATCTAAGTGTGAC AATACTGCAACCATGGGTTTGAGAAATGTTGCAGTATCTCAGGCAAAATTTAAGTCAAT AATTAGTCTCTGGTGACTGGTCCATTGAGAAAAATGCAGNTAATATATANAACACANAAG GGAAAGATATCCNACATNCACTGCTACCNAGCCAGCTAGGGTACACAACCCTCATTTTTTA CTTCTTTTCCATTTTTCAAGGGTACATAAACTGCCTTAGTAGCAACCATCTCTCCCAT TTTCATCCNCTCAGAGTGCTGAGATGAAN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_144595
Insert Size:	2250 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).
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).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_144595.2, NP_653196.1</u>
RefSeq Size:	2197 bp
RefSeq ORF:	918 bp
Locus ID:	122060
UniProt ID:	<u>Q8ND83</u>
Cytogenetics:	13q22.3
Gene Summary:	Microtubule plus-end tracking protein that might be involved in the regulation of cytoplasmic microtubule dynamics, microtubule organization and microtubule elongation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (B) is shorter at the N-terminus, compared to isoform A.