

Product datasheet for **SC324015**

TSCOT (SLC46A2) (NM_033051) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSCOT (SLC46A2) (NM_033051) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSCOT
Synonyms:	Ly110; TSCOT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_033051.2
 CTGAGCAGCCGTAGCAGCCGAATTTGGGAGCATATCCTTGTCACTGCAGCCAGAAAGCCC
 TTCGATCCCCATCAGAGAGGTACATGAGCCCCGAGGTACCTGCCCGCGGAGGGGCCAC
 CTGCCTCGCTTCCACCCGAGGACCTGGGTTGAGCCCGTGATGGCCTCGTCCCAGGTGGCT
 GCCTCCCTCTACGATGCGGGGCTACTCCTCGTGGTGAAGGCGTCTACGGAACCGGAGGC
 TCCTCAAACCACAGTGCCAGCCCATCGCCCCGGGGGCTCTAGAGGACCAACAGCAGAGA
 GCCATCTCCAATTTCTACATTATCTACAACCTTGTGGTGGGCTGTCCCCCTGCTGTCC
 GCCTACGGGCTGGGATGGCTCAGCGACCCTACCACGAAAGATCTCCATCTGCATGTCCG
 CTGCTGGGCTTCTGCTCTCCCGCTCGGGCTGCTGCTCAAGGTGCTGCTGGACTGGCCA
 GTGGAGGTGCTGTACGGGGCGGCGCTGAACGGGCTATTGGCGGCTTCTCCGCCTTC
 TGGTCCGGGTCATGGCGCTGGGATCGCTGGGCTCCTCCGAGGGCCGCCCTCTGTGCGC
 CTCATCTCATTGACCTGATGCTGGGCTTGGCGGGTCTGCGGGAGCATGGCTCCGGG
 CATCTCTCAAGCAGATGGCTGGGCACTCTGGCAGGGCCTGATACTGACGGCTGCAGC
 GTGAGCTGTGCCTCGTTTGCCTGCTCTACAGCCTTTTGGTGCTAAAGTCCCTGAGTCG
 GTGGCCAAACCCAGCCAGGAGCTCCCCGCGTGGATACCGTGTCTGGCACGGTTGGCACA
 TACCGCACTCTGGATCCTGATCAGTTGGACCAACAGTATGCAGTGGGGCACCTCCATCT
 CCTGAAAAGCAAACCCATAAAACCACCTTGCCTTGTCTTTGTGGGTGCTATCATA
 TATGACCTGGCGGTGGTGGGCACAGTGGACGTATCCCTTTTTGTGCTGAGGGAGCCT
 CTCGGTTGAAACCAAGTGCAGGTGGGCTATGGTATGGCTGCAGGGTACACCATCTTCATC
 ACCAGCTTCTGGGTGCTCTTCTCCCGCTGCTTTCGGGACACCACCATGATCATG
 ATTGGGATGGTCTCCTTTGGGTGAGGACCCCTCCTTTGGCTTTTGTGAAAGAGACATAC
 ATGTTCTATATTGCTCGAGCCGTATGCTGTTTGTCTCATCCCCGTACAACCATCCGA
 TCAGCTATGTCCAAACTATAAAGGGCTCCTCTTATGAAAAGGTGTTTCGTACTGACG
 CTGTCTTGGCTCTGACGGCGTGGTACATCCACCTTGTACAACAAGATCTACCAGTC
 ACCATGGACATGTTTGTGGGCTCCTGCTTGTCTCTCCTCTTCTCCTTCTCCTTCTGCCC
 ATCATTCCAATTAGCATCGTGGCCTATAAAACAAGTCCCATTGTCACCATATGGAGACATC
 ATAGAGAAATGAAGATGCTTACCTGCAGGAACTGAAAACATCAGCCATGGCCAGGCCCCC
 AGAAGACAAAAGAAGGGACCAGGAACTGGTACCTAAGCAACCCACTGCTTAAGAAACC
 TGCGTTCAGCCAGAGTTGGCCTCAGAATGACCTGCTCTGGCTCAGGGATCCCTGGTGA
 TGGGAAAAGCACTTTCCTGGTATGAAAAACGTTCTCAGCTTAAAGACACCCCAATA
 GGCAGACTGGGTTCTGTGACAGCAGAGCATGACCTTAAAGGTTACAGGCAGGCTGCAC
 ACAGCAGTCCCAGGCCCTGTGAGGGCTTCCAGACTCCAGCTACAGCGAGCCTGCCCTTT
 TCTTCAAGGGACTGTCTTGGGGCTCAAAGTATAGCTAACTAGTCACCTGGGTGCTGTG
 CTGAAAGTCCCATGGGAGAACTCAAAGCGTGCATTATCACAGCCTGAGGGGAATGTGGAA
 GGGATGTTTTGTAAAGACTACCAACAGTTTTGCACGAACAATGTCTTTAAATTAATA
 AAACCTTGAAAAAGTCAAGCTTTCTTCTGAGTCTTCTTACCTACAAACACTCAGGAG
 GGGGATGGAGCTCAGGCCCTTGTCTTGGGTAGTTTTGTACTACTGTTGCTTTAAGA
 AGCAAATGTCACAAGGCTTTCTCAATGGGATGTTCAATTGAGTACTTCCAGTCAACAGT
 GCTTCCCAAAGTGGGTGGTGTGAAGGAAGAGGAGGTACATTAAGAGCTATTTTATTGAG
 GTAGTCATTTTTATAACCTTGTACTTGGATTTATAAAGCAGACTCACCTAATAAAAT
 CAACATTCATTGTAAA
 AA

Restriction Sites: ECoRI-NOT

ACCN: NM_033051

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	NM_033051.2 , NP_149040.2
RefSeq Size:	2445 bp
RefSeq ORF:	1428 bp
Locus ID:	57864
UniProt ID:	Q9BY10
Cytogenetics:	9q32
Protein Families:	Transmembrane
Gene Summary:	May act as a transporter.[UniProtKB/Swiss-Prot Function]