

Product datasheet for **SC101936**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033051, the custom clone sequence may differ by one or more nucleotides

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ATGAGCCCCGAGGTCACCTGCCCGCGGAGGGGCCACCTGCCTCGCTTCCACCCGAGGACCTGGGTTGAGC
CCGTGGTGGCCTCGTCCCAGGTGGCTGCCTCCCTCTACGATGCGGGGCTACTCCTCGTGGTGAAGGCGTC
CTACGGAACCGGAGGCTCCTCCAACCACAGTGCCAGCCCATCGCCCCGGGGGGCTCTAGAGGACCAACAG
CAGAGAGCCATCTCCAATTTCTACATTATCTACAACCTTGTGGTGGCCTGTCCCCCTGCTGTCCGCCCT
ACGGGCTGGGATGGCTCAGCGACCCTACCACCGAAAGATCTCCATCTGCATGTCGCTGCTGGGCTTCT
GCTCTCCCGCCTCGGGCTGCTGCTCAAGGTGCTGCTGGACTGGCCAGTGGAGGTGCTGTACGGGGCGGC
GCGCTGAACGGGCTATTCGGCGGCTTCTCCGCCTTCTGGTCCGGGTCATGGCGCTGGGATCGCTGGGCT
CCTCCGAGGGCCCGCCTGTGCGCCTCATCCTATTGACCTGATGCTGGGCTTGGCGGGTCTCTGCGG
GAGCATGGCTTCCGGGCATCTCTTCAAGCAGATGGCTGGGCACTCTGGCAGGGCCTGATACTGACGGCC
TGCAGCGTGAGCTGTGCCTCGTTTGCCTGCTCTACAGCCTTTTGGTGTAAAGGTCCCTGAGTCGGTGG
CCAAACCAGCCAGGAGCTCCCCGCCGTGGATACCGTGTCTGGCACGGTGGCACATACCGCACTCTGGA
TCCTGATCAGTTGGACCAACAGTATGCAGTGGGGCACCTCCATCTCTGGAAAAGCAAAACCCATAAA
ACCACCATTGCCTTGCTTTTGTGGGTGCTATCATATAGACCTGGCGGTGGTGGGCACAGTGGACGTGA
TCCCTCTTTTGTGCTGAGGGAGCCTCTCGGTTGGAACCAAGTGCAGGTGGGCTATGGTATGGCTGCAGG
GTACACCATCTTACACAGCTTCTGGGTGCTGGTCTTCTCCCGCTGCTTTTCGGGACACCACCATG
ATCATGATTGGGATGGTCTCCTTTGGGTGAGGAGCCCTCCTCTTGCTTTTGTGAAAGAGACATACATGT
TCTATATTGCTCGAGCCGTCATGCTGTTTGTCTCTCATCCCGTCAACAACCATCCGATCAGCTATGCCAA
ACTCATAAAGGGCTCCTCTTATGAAAGGTGTTGTCATACTGCAGTGTCTTGCTCTGACCGCGGTG
GTGACATCCACCTTGACAACAAGATCTACCAGCTCACCATGGACATGTTTGTGGGCTCCTGCTTTGCTC
TCTCCTCTTCTCCTTCTGCCATCATTCCAATTAGCATCGTGGCCTATAAACAAGTCCCATTGTC
ACCATATGGAGACATCATAGAGAAATGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033051 unedited AAAGTTACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGGNCGAGGCACGGAG CACACTCGCGCTCCCGGCGCACGGAGCACACTCGCGCTCCGGGACTGAAACCTGAGCAGC CGTAGCAGCCGAATTTGGGAGCATATCCTTGTCACTGCAGCCAGAAAGCCCTTCGATCCC CATCAGAGAGGTCACATGAGCCCCGAGGTACCTGCCCGGGAGGGGCCACCTGCCTCGC TTCCACCCGAGGACCTGGGTTGAGCCCGTGGTGGCATCGTCCCAGGTGGCTGCCTCCCTC TAGCATGCGGGGCTACTCCTCGTGGTGAAGGCGTCTACGGAACCGGAGGCTCCTCCAAC CACAGTGCCAGCCCATCGCCCCGGGGGCTCTAGAGGACCAACAGCAGAGAGCCATCTCC AATTTCTACATTACTACAACCTTGTGGTGGGCTGTCCCCCTGCTGTCCGCCTACGGG CTGGGATGGCTCAGCGACCGCTACCACCGAAAGATCTCCATCTGCATGTCGCTGTGGGC TTCCTGCTCTCCCGCTCGGGCTGCTGCTCAAGGTGCTGCTGGACTGGCCAGTGGAGGTG CTGTACGNGCGGCGGCTGAACGGGCTATTCCGGCGCTTCTCCGCCTTCTGGTCCGGG GTCATGGCGCTGGGATCGCTGGGCTCCTCCGAGGGCCGCCGCTGTGCGCCTCATCTTC ATTGACCTGATGTGGGCTTGGCGGGTCTGCGGGAGCATGGCTNCCGGACATCTTTC AGCAGATGGCTGGCACTCTGGGCAGGGCTGATACTGACGGCTGCANCGTGAGCTGTG CCTCGTTTGCCCTGCTCTACAGCCTTTGGTGTAAAGGTCTGATTCCGGTGGCAAACCCA GCCGGAGCTCCCCGCGTGA
Restriction Sites:	EcoRI-NOT
ACCN:	NM_033051
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:	<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]