

Product datasheet for **SC100012**

TEPSIN (NM_144679) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEPSIN (NM_144679) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEPSIN
Synonyms:	C17orf56; ENTHD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100012 sequence for NM_144679 edited (data generated by NextGen Sequencing)

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ATGGCTGCCGCGCCGCCCTACGGGACCGCCTGAGCTTTCTACACCGGCTCCCGATTCTC
CTGAAGGGGACGTCCGATGATGATGTCCCGTGTCCGGGTACCTGTTGAAGAGATTGCT
AAAATCTCCACGAGTCTCCGGGCAGCAGCCAGTGCCTGCTGGAGTACCTCCTGAGCCGC
CTGCACAGCAGTCTCCGGCCACGGGAAGCTCAAGGTGCTGAAGATCCTGCTCTATCTGTG
AGCCACGGCTCCTCTTCTTCTGCTCATCCTCAAACGCAACTCTGCCTTCATCCAGGAA
GCTGCAGCTTTTGCAGGGCCCCCAGATCCTCTGCACGGGAACAGCTTGTACCAGAAGGTT
CGCGCGGCCGCGCAGGACTTGGGGAGCACCTGTTCTCGGACACCGTGTGCGCTGGCT
CCCTCCAGCCTCTGGGGMCCCCGCCTGCCACAGGCATGGGCTCCAGGCCAGGCCGCAC
AGCACCTCCAGGGTTTCGGCTACAGCAAGGAACACGGCCGCACGGCTGTGAGGCATCAG
CCTGGGACAGGCCGAGGGGGCTGGGATGAGCTGGACAGCGGCCCCAGCTCTCAGAATTCC
TCCAGAACAGCGACCTGAGCAGGGTCTCGGACTCGGCAGTCATTCCGGCAGCGACAGC
CATTACAGGGGCCAGCCGGGAGCCGGGTGACCTGGCAGAAAGGGTCGAGGTGGTGGCCCTG
AGTGACTGTCAGCAGGAGTTGAGCTTGGTGAGGACTGTGACTCGGGGACCACGCGCTTC
CTGAGCCGCGAGGAGGCACAGCACTTCATCAAAGCGTGTGGACTGCTCAACTGTGAGGCC
GTGCTGCAGCTGCTGACCTGCCACCTGCGTGGGACCAAGTGAATGCACGCAGCTGAGGGCG
CTGTGTGCCATCGCTCCCTGGGGAGCAGCGACCTCCTCCCCAGGAGCACATCCTCCTC
CGCACCCGGCCGTGGCTGCAGGAGCTCAGCATGGGCAGCCCGGACCTGTGACCAACAAG
GCCACCAAGATCCTGAGGCATTTGAGGCCTCCTGTGGGCAGCTGTCCCTGCCCGGGGC
ACCTCAGCTGAGCCTGGCCCCACAGCCGCCCTCCAGGCCCATCTGACCTGCTGACCGAC
GCTGTGCCTCTCCTGGGAGCCAGGTCTTCTGCAGCCTCTGAGTTCAACCCCGGTCTCG
TCCCGGAGCCCTGCTCCTCATCTGGGATGCCGTCCAGCCTGTGCCACCCCAACCCCA
GATGCCTCCCCATTCCAGCCCCCGGAGACCCCAAGCAGGCGGAGGCCAGACTGGCAGAA
AGCAGGCGGTGGAGACCTGAACGGATCCCGGGGGCACGACAGCCCAAGAGAGGCCCC
AGCAGCTGTGCGTGGAGCCGCGACTCCTTGTGTTGCTGGCATGGAGCTGGTGGCCTGTCC
CGCCTGGTGGGGGCTGGGGCTGCTGCGGGAGAGTCTGTCTGATGCTCCCCGCGCCCCC
CAAACATCGTCCAGAGGACAGCAGCCAAAGAGCCTCCTGGCTCAGAGCCGTGAGCTTTC
GCGTTCCTGAACGCCTGA
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Clone variation with respect to NM_144679.2
439 a=>m;1350 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_144679 unedited

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ATAGGCGGCACGCAATTTCGACGAGGATGGCTGCCGCGCCGCCCTACGGGACCGCCTG
AGCTTTCTACACCGGCTCCCGATTCTCCTGAAGGGGACGTCCGATGATGATGTCCCGTGT
CCGGGCTACCTGTTTGAAGAGATTGCTAAAATCTCCACGAGTCTCCGGGCAGCAGCCAG
TGCTGCTGGAGTACCTCCTGAGCCGCTGCACAGCAGCTCCGGCCACGGGAAGCTCAAG
GTGCTGAAGATCCTGCTCTATCTGTGCAGCCACGGCTCCTCCTTCTTCTGCTCATCCTC
AAACGCAACTCTGCCTTCATCCAGGAAGCTGCAGCTTTTGCAGGGCCCCCAGATCCTCTG
CACGGGAACAGCTTGTACCAGAAGGTTTCGCGCGGCCGCGCAGGACTTGGGGAGCACCTG
TTCTCGGACACCGTGTGCGCTGGCTCCCTCCAGCCTCTGGGACCCCGCCTGCCACA
GGCATGGGCTCCAGGCCAGGCCGACAGCACCTCCAGGGTTTCGGCTACAGCAAGGAA
CACGGCCGACAGGGCTCGGCAGGCGAAGCCTTCTCTCCACCATCCAGAAGGCCGACAG
GTGGTGGCCAGGCCATGCGCCCCGGGCCGAGAGTCCAGTACCCGAGGCTCCTGCCG
CGGAGTGACACCTACCAGCCTGCCATGATGCCTTCAGCCAGCCACGGTCCCCAACCCCTG
GGGAACCTACTCCCCGNGCCATTCCAGGTCCCCGAGCTGTGAGGCATCANCCTGNGCAG
GCCCCNAGGGGGGCTGGATGAGCTGGNACAGCGCCCCAGCTCTCAAATTNNCTCCAAACA
GCGACCTGAGCAGGGTCTCGGACTCGGNCAGTCATTTCCGACGACAGCCATTACAGNG
CCANNCCGGAGCCCGGNTGAN
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_144679 unedited <pre> NNGGGTATACTATGNACGCGGCCGATTCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTT TTTTTCATGTAACAGTAGTGTTTATTCAGAAAGCATAAACCCAGCGCTCTTGGAAGGT TTTTCTGAGATGGACCAGGCTCCAATCAGAGGCTTCGTGTGTAGGAAGCAATTACAGC CTAAAGGAGCAGGTGAGAGCCAGGGAAGGATCAGTAGGGATCTGAGACTTGAAATGGCC TCAGGCCAGACAGCACAAGGCAGCCCGGACAAGACACCTCAACCCACATGCACCAAACC CAGCCTCAGCACCTACCCACCCCGATGGGACGGGGAGCAGTGGCTTGTTGCTGCTCAT GACCTCCTGGGGAAGGAGGGAGCTGAGATCAAAATGAAATAAGGAACCTGGTAGTCGCTT CCGCATTATACAAAGAAACCTCATGTCTGAGGGCAAGACAGGCAGGGACTGCCCCCTGAG AGCCCTGAGATCGACATTTCTGAAGCCCTGCCACCTGCCATCCCTCGTAGGGATTCAAGT CCAAATAGCCAGAGCCTCTGGCAGAGGAGATGGGGGAACTGAGGTAGCCCTAGGGTCGT CCTCTCAAGTCAAGCTGCCTGGAGACTGTAGCAGCTACGGTTGAGGCTGCTCAGGAAGCA CAGACCGCCCCAGACAGCAGCTGAAGCTGAAGACTCCAGGGCCAGGCCATCGGGTCAGGC GTTTCAGGAACGCGAAAGCTGACGGCTCTGAGCCAGGAGGCTCTTTGGCTGCTGCCTCTG GGACAATGTTTGGGGGGCGCGGGGAGCATCAGGGAAGGAACTCTCCCGAGCAAGCCC CAGCCCCCAACAGGCGGGGAACAGGCCACCAGCTTCATGCCAGGCAACAGGGAGTCCGGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_144679
Insert Size:	2150 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:	NM_144679.1 , NP_653280.1
RefSeq Size:	2249 bp
RefSeq ORF:	1578 bp
Locus ID:	146705
UniProt ID:	Q96N21
Cytogenetics:	17q25.3
Gene Summary:	Associates with the adapter-like complex 4 (AP-4) and may therefore play a role in vesicular trafficking of proteins at the trans-Golgi network.[UniProtKB/Swiss-Prot Function]