

Product datasheet for **SC320525**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_144679.1
TTCGGCACGAGGCTGGATCATGGCTGCCGCGCCGCGCTACGGGACCGCCTGAGCTTTCT
ACACCGGCTCCCGATTCTCCTGAAGGGGACGTCCGATGATGATGTCCCGTGTCCGGGCTA
CCTGTTTGAAGAGATTGCTAAATCTCCACGAGTCTCCGGGCAGCAGCCAGTGCCTGCT
GGAGTACCTCCTGAGCCGCTGCACAGCAGTCCGGCCACGGGAAGCTCAAGGTGCTGAA
GATCCTGCTCTATCTGTGCAGCCACGGCTCCTCCTTCTTCTGCTCATCTCAAACGCAA
CTCTGCCCTTATCCAGGAAGCTGCAGCTTTTGCAGGGCCCCAGATCCTCTGCACGGGAA
CAGCTTGTACCAGAAAGTTTCGCGCGGCCGCGCAGGACTTGGGGAGCACCTGTTCTCGGA
CACCGTGTGGCGCTGGCTCCCTCCAGCCTCTGGGGACCCGCGCTGCCACAGGCATGGG
CTCCAGGCCAGGCCGCACAGCACCTCCAGGGTTTCGGCTACAGCAAGGAACACGGCCG
CACGGCTGTGAGGCATCAGCCTGGGCAGGCCGAGGGGGCTGGGATGAGCTGGACAGCG
CCCCAGCTCTCAGAATTCCTCCAGAACAGTGACCTGAGCAGGGTCTCGGACTCGGGCAG
TCATTCGGGCAGCGACAGCCATTAGGGGCCAGCCGGAGCCGGGTGACCTGGCAGAAAG
GGTCGAGGTGGTGGCCCTGAGTGACTGTCAGCAGGAGTTGAGCTTGGTGAGGACTGTGAC
TCGGGGACACGCGCCTTCTGAGCCGCGAGGAGGCACAGCACTTCATCAAAGCGTGTGG
ACTGCTCAACTGTGAGGCGGTGCTGCAGCTGCTGACCTGCCACCTGCGTGGGACCACTGA
ATGCACGCAGCTGAGGGCGCTGTGTGCCATCGCCTCCCTGGGGAGCAGCGACCTCCTCCC
CCAGGAGCACATCCTCCTCCGACCCGCGCGTGGCTGCAGGAGCTCAGCATGGGCAGCCC
GGGACCTGTGACCAACAAGGCCACCAAGATCCTGAGGCACTTTGAGGCCTCCTGTGGGCA
GCTGTCCCCTGCCCGGGGCACCTCAGCTGAGCCTGGCCCCACAGCCGCCCTCCAGGGCC
ATCTGACCTGTGACCGACGCTGTGCCTCTCCCTGGGAGCCAGGTCTTCTGCAGCCTCT
GAGTTCAACCCCGGTCTCGTCCCGGAGCCCTGCTCCCTCATCTGGGATGCCGTCCAGCCC
TGTGCCACCCCCACCCAGATGCCTCCCCATTCCAGCCCCGAGACCCAGCGAGGC
CGAGGCCAGACTGGCAGAAAGCAGGCGGTGGAGACCTGAACGGATCCAGGGGGCACGGA
CAGCCCCAAGAGAGGCCCCAGCAGCTGTGCGTGGAGCCGCGACTCCTTGTGTGGCAT
GGAGCTGGTGGCCTGTCCCCGCTGGTGGGGGCTGGGGCTGCTGCGGGAGAGTCTGTCC
TGATGCTCCCCGCGCCCCCAACATCGTCCAGAGGACAGCAGCAAAGAGCCTCCTGG
CTCAGAGCCGTGAGCTTTGCGTTCTGAACGCTGACCCGATGGCCTGGCCCTGGAGTC
TTCAGCTTCAGCTGCTGTCTGGGCGGTCTGTGCTTCTGAGCAGCCTCAACCGTAGCTG
CTACAGTCTCAGGCAGCTTGACTTGAGAGGACGACCCTAGGGTACCTCAGTTTCCCC
ATCTCCTCTGCCAGAGGCTCTGGCTATTTGGACTTGAATCCCTACGAGGGATGGCAGGTG
GCAGGGCTTCAGAAATGTCGATCTCAGGGCTCTCAGGGGCACTCCCTGCCTGTCTTGCC
CTCAGACATGAGGTTTCTGTATGAATGCGGAAGCGACTACCAGGTTCTTATTTCAATT
TGATCTCAGCTCCCTCCTCCCCAGGAGGTGATGAGCAGCAACAAGCCACTGCTCCCCCG
TCCCATCGGGGTGGGCTAGGTGCTGAGGCTGGGTTTGGTGCATGTGGGTTGAGGGTGTCT
TGTCCGGGCTGCCTGTGCTGTCTGGCCTGAGGCCATTTCAAGTCTCAGATCCCTACGTG
ATCCTTCCCTGGCTCTCACCTGCTCCTTAGGCTGTAATTGCTTCTACACAGGAAGCCT
CTGATTGGAGCCTCTGGTCCATCTCAGAAAAACCTTCAAGAGCGCTGGGGTTTATGCTT
TCTGAATAAACTACTGTTTACATGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_144679

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:	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_144679.1</u> , <u>NP_653280.1</u>
RefSeq Size:	2249 bp
RefSeq ORF:	1578 bp
Locus ID:	146705
UniProt ID:	<u>Q96N21</u>
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]