

Product datasheet for SC126546

TASP1 (NM_017714) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TASP1 (NM_017714) Human Untagged Clone
Tag:	Tag Free
Symbol:	TASP1
Synonyms:	C20orf13; dj585114.2; SULEHS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126546 sequence for NM_017714 edited (data generated by NextGen Sequencing)

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ATGACCATGGAGAAGGGGATGAGTTCTGGAGAAGGGCTGCCTTCCAGATCATCTCAGGTT
TCGGCTGGTAAAATAACAGCCAAAGAGTTGGAAACAAAGCAGTCTATAAAGAGAAACGA
GGAGGCTTTGTGTTGGTGCATGCAGGTGCAAGTTATCATTCTGAATCCAAGCCAAGGAG
TATAAACATGTATGCAAACGAGCTTGTGAGAAGGCAATTGAAAAGCTGCAGGCCGGTGCT
CTTGCAACTGACGCAGTCACTGCAGCACTGGTGGAACTTGAGGATTCTCCTTTTACAAAT
GCAGGAATGGGATCTAATCTAAATCTGTTAGGTGAAATTGAGTGTGATGCCAGCATAATG
GATGGAAAATCCTTAAATTTGGAGCAGTTGGAGCACTGAGTGGAAATCAAGAACCAGTC
TCGGTTGCCAACAGACTCTTATGTGAAGGCAGAAAGGCAAGCTCTCGGCTGCCAGAATT
CCTCCCTGCTTTTTAGTTGGAGAAGGAGCCTACAGATGGGCAGTAGATCATGGAATACCC
TCTTGCCCTCCTAACATCATGACCACAAGATTCAGTTTAGCTGCATTTAAAGAAAACAAG
AGGAAACTAGAGCTGGCAGAAAGGGTGGACACAGATTTTATGCAACTAAAGAAAAGAAGA
CAATCAAGTGAGAAGGAAAATGACTCAGGCACTTTGGACACGGTAGGCGCTGTGGTTGTG
GACCACGAAGGGAATGTTGCTGCTGCTGTCTCCAGTGGAGGCTTGGCCTTGAAACATCCG
GGGAGAGTTGGGCAGGCTGCTCTTTATGGATGTGGCTGCTGGGCTGAAAATACTGGAGCT
CATAACCCCTACTCCACAGCTGTGAGTACCTCAGGATGTGGAGAGCATCTGTGCGCACC
ATACTGGCTAGAGAATGTTACATGCTTTACAAGCTGAGGATGCTCACCAAGCCCTGTTG
GAGACTATGCAAAACAAGTTTATCAGTTCACCTTTCCTTGCCAGTGAAGATGGCGTGCTT
GGCGGAGTGATTGCTCCTCGTTTCATGCAGATGTTCTGCCGAGCCTGACTCCTCCAAAAT
AAGCAGACACTTCTAGTGAATTTCTGTGGAGCCACACGACGGAGAGCATGTGTGTCGGA
TATATGTCAGCCCAGGATGGGAAAGCCAAGACTCACATTTCAAGACTTCTCCTGGTGCG
GTGGCAGGACAGTCTGTGGCAATCGAAGGTGGGGTGTGCCGCTGGAGAGCCAGTGAAC
TGA

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Clone variation with respect to NM_017714.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017714 unedited TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAAGGCTCGGGGCTGA AGCGGGGTAATTCCTCTCCTGCAATTACTTTTGGATGGAAGTATGCCCTTTCTCAGTAG AAGATGGTAATCTTGGAGAATGACCATGGAGAAGGGGATGAGTTCTGGAGAAGGGCTGCC TTCCAGATCATCTCAGGTTTCGGCTGGTAAAATAACAGCCAAAGAGTTGGAAACAAAGCA GTCCTATAAAGAGAAAACGAGGAGGCTTTGTGTTGGTGCATGCAGGTGCAGGTTATCATT TGAATCCAAAGCCAAGGAGTATAAACATGTATGCAAACGAGCTTGTGAGAAAGCAATTGA AAAGCTGCAGGCCGGTCTCTTGCAACTGACGCAGTCACTGCAGCACTGGTGAACTTGA GGATTCTCCTTTTACAAATGCAGGAATGGGATCTAATCTAAATCTGTTAGGTGAAATTGA GTGTGATGCCAGCATAATGGATGGAAAATCCTTAAATTTTGGAGCAGTTGGAGCACTGAG TGGAAATCAAGAACCCAGTCTCGGTTGCCAACAGACTCTTATGTGAAGGGCAGAAGGGCAA GCTCTCGGCTGGCAGAATTCCTCCCTGCNTTTTAGTTGGAGAAGGAGCCTACAGATGGGC AGTAGATCATGGAATACCCTCTTGCCCTNNCTACATCATGACCACCNAGATCAGTTTAGC TGCATTTAAAAGAAACCAGAGGAACTANAGCTGGCAGAAAGGTTGACACANGATTTATGC ACTAAGAAAAGAGACCATCAGTGAGAAGGAAATGACTCAGCCCTTTGACACCGTAGCGCT GTGGTGTGGACCAAGGATGTGCTGTGCTGNCTCCATGGAGCTGGCCTTA
Restriction Sites:	NotI-NotI
ACCN:	NM_017714
Insert Size:	2500 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_017714.1 , NP_060184.1
RefSeq Size:	2347 bp
RefSeq ORF:	1263 bp
Locus ID:	55617
UniProt ID:	Q9H6P5
Cytogenetics:	20p12.1
Domains:	Asparaginase_2
Protein Families:	Protease

Gene Summary:

This gene encodes an endopeptidase that cleaves specific substrates following aspartate residues. The encoded protein undergoes posttranslational autoproteolytic processing to generate alpha and beta subunits, which reassemble into the active alpha2-beta2 heterotetramer. It is required to cleave MLL, a protein required for the maintenance of HOX gene expression, and TFIIA, a basal transcription factor. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]