

Product datasheet for TP305156

TSEN2 (NM_025265) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tRNA splicing endonuclease 2 homolog (<i>S. cerevisiae</i>) (TSEN2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205156 protein sequence Red =Cloning site Green =Tags(s)

MAEAVFHAPKRKRRVYETYESPLPIPFQD HGPLKEFKIFRAEMINNNVIVRNAEDIEQLYGKGYFGKGI
LSRSRPSFTISDPKLVAKWKDMKTNMPIITSKRYQHSVEWAAELMRRQGQDESTVRRILKDYTKPLEHPP
VKRNEEAQVHDKLNSGMVSNMEGTAGGERPSVNVNGDSGKSGGVGDPREPLGCLQEGSGCHPTTESFEKSV
REDASPLPHVCCCKQDALILQRGLHHEDGSQHIGLLHPGDRGPDHEYVLVEEAECAMSEREAAPNEELVQ
RNRLICRRNPYRIFEYLQLSLEEAFFLVYALGCLSIYYEKEPLTIVKLWKAFTVVQPTFRTTYMAYHYFR
SKGWVPKVGLKYGTDLLLYRKGPPFYHASYSVVIELVDDHFEGSLRRPLSWKSLAALSRSVSVNVSKELML
CYLIKPSTMTDKEMESPECMKRIKVQEVILSRWVSSRERSDQDDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	53.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_079541](#)

Locus ID: 80746

UniProt ID: [Q8NCEO](#), [A0A024R2G3](#)

RefSeq Size: 2402

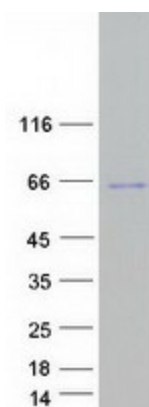
Cytogenetics: 3p25.2

RefSeq ORF: 1395

Synonyms: PCH2B; SEN2; SEN2L

Summary: This gene encodes one of the subunits of the tRNA splicing endonuclease. This endonuclease catalyzes the first step in RNA splicing which is the removal of introns. Mutations in this gene have been associated with pontocerebellar hypoplasia type 2. A pseudogene has been identified on chromosome 4. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Feb 2009]

Product images:



Coomassie blue staining of purified TSEN2 protein (Cat# TP305156). The protein was produced from HEK293T cells transfected with TSEN2 cDNA clone (Cat# [RC205156]) using MegaTran 2.0 (Cat# [TT210002]).