

## Product datasheet for PH305156

### TSEN2 (NM\_025265) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TSEN2 MS Standard C13 and N15-labeled recombinant protein (NP_079541)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205156
Predicted MW:	53.2 kDa
Protein Sequence:	>RC205156 protein sequence Red=Cloning site Green=Tags(s)

MAEAVFHAPKRKRVRVYETYESPLPIPFQDGHGPKLKEFKIFRAEMINNNVIVRNAEDIEQLYGKGYFGKGI  
LSRSRPSFTISDPKLVAKWKDMKTNMPIITSKRYQHSVEWAAELMRRQQQDESTVRRILKDYTKPLEHPP  
VKRNEEAQVHDKLNSGMVSNMEGTAGGERPSVNVGDSGKSGGVGDPREPLGCLQEGSGCHPTTESFEKSV  
REDASPLPHVCCCKQDALILQRGLHHEDGSQHIGLLHPGDRGPDHEYVLVEEAECAMSEREAAPNEELVQ  
RNRLICRRNPYRIFEYLQLSLEEAFFLVYALGCLSIYYEKEPLTIVKLWKAFTVVQPTFRTTYMAYHYFR  
SKGWVPKVGKYGTDLLLYRKGPPFYHASYSVIELVDDHFEGLRRPLSWKSLAALSRVSVNVSKEMLML  
CYLIKPSTMTDKEMESPECMKRIKQVEVILSRWVSSRERSDQDDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_079541</a>
RefSeq Size:	2402
RefSeq ORF:	1395
Synonyms:	PCH2B; SEN2; SEN2L



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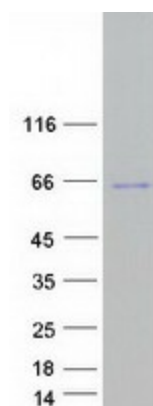
Locus ID: 80746

UniProt ID: [Q8NCE0](#), [A0A024R2G3](#)

Cytogenetics: 3p25.2

**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]).