

## Product datasheet for **TP308425L**

### TSEN54 (NM\_207346) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human tRNA splicing endonuclease 54 homolog (*S. cerevisiae*) (TSEN54), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC208425 representing NM\_207346  
**Red**=Cloning site **Green**=Tags(s)

MEPEPEPAAVEVPAGRVLSARELFAARSRSQKLPQRSHGPKDFLPDGSAAQAERLRRCREELWQLLAEQR  
VERLGSLVAAEWRPEEGFVELKSPAGKFWQTMGFSEQGRQLHPPEALYLLECGSIHLFHQDLPLSIQEA  
YQLLLTDHTVTLQYQVFSHLKKGYYVRRFQPSSVLSPLYERQLNLDASVQHLEDGDGKRKRSSSSPRSI  
NKKAKALDNSLQPKSLAASSPPPCSQPSQCPEEKQESSPMKGGPFQLLGSLGSPGPAAREGVGCSWE  
SGRAENGVTGAGKRRWNFEQISFPNMA SDSRHTLLRAPPELLPANVAGRETDAESWCQKLNQRKENLSR  
REREHHAEEAAQFQEDVNADPEVQRCSSWREYKELLQRRQVQRSQRRAPHLWGQPVTPLSPGQASSPAV  
LQHISVLQTTHLPDGGVRLLEKSGGLEIIFDVYQADAVATFRKNNPGKPYARMCISGFDEPVPDLCSLKR  
LSYQSGDVPLIFALVDHGDIFYSFRDFTLPQDVGH

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

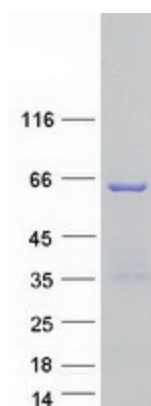
**Tag:** C-Myc/DDK  
**Predicted MW:** 58.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_997229</a>
<b>Locus ID:</b>	283989
<b>UniProt ID:</b>	<a href="#">Q7Z6J9</a>
<b>RefSeq Size:</b>	1970
<b>Cytogenetics:</b>	17q25.1
<b>RefSeq ORF:</b>	1578
<b>Synonyms:</b>	PCH2A; PCH4; PCH5; sen54; SEN54L
<b>Summary:</b>	This gene encodes a subunit of the tRNA splicing endonuclease complex, which catalyzes the removal of introns from precursor tRNAs. The complex is also implicated in pre-mRNA 3-prime end processing. Mutations in this gene result in pontocerebellar hypoplasia type 2.[provided by RefSeq, Oct 2009]

### Product images:



Coomassie blue staining of purified TSEN54 protein (Cat# [TP308425]). The protein was produced from HEK293T cells transfected with TSEN54 cDNA clone (Cat# [RC208425]) using MegaTran 2.0 (Cat# [TT210002]).