

Product datasheet for **TP308425M**

TSEN54 (NM_207346) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tRNA splicing endonuclease 54 homolog (<i>S. cerevisiae</i>) (TSEN54), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208425 representing NM_207346 Red =Cloning site Green =Tags(s)

MEPEPEPAAVEVPAGRVLSARELFAARSRSQKLPQRSHGPKDFLPDGSAAQAERLRRCREELWQLLAEQR
VERLGSLVAAEWRPEEGFVELKSPAGKFWQTMGFSEQGRQLHPPEALYLLECGSIHLFHQDLPLSIQEA
YQLLLTDHTVTLQYQVFSHLKKGYYVRRFQPSSVLSPIYERQLNLDASVQHLEDGDGKRKRSSSSPRSI
NKKAKALDNSLQPKSLAASSPPPCSQPSQCPEEKPQESSPMKGGPGPFQLLGSLGSPGPAAREGVGCSWE
SGRAENGVTGAGKRRWNFEQISFPNMASDSRHTLLRAPAPPELLPANVAGRETDAESWCQKLNQRKENLSR
REREHHAEEAAQFQEDVNADPEVQRCSSWREYKELLQRRQVQRSQRRAPHLWGPVTPLLSPGQASSPAVV
LQHISVLQTTHLPDGGVRLLEKSGGLEIIFDVYQADAVATFRKNNPGKPYARMCISGFDEPVPDLCSLKR
LSYQSGDVPLIFALVDHGDIFYSFRDFTLPQDVGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

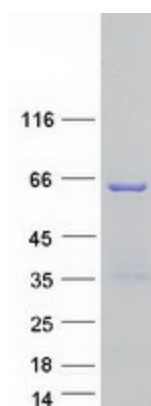
Tag:	C-Myc/DDK
Predicted MW:	58.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_997229
Locus ID:	283989
UniProt ID:	Q7Z6J9
RefSeq Size:	1970
Cytogenetics:	17q25.1
RefSeq ORF:	1578
Synonyms:	PCH2A; PCH4; PCH5; sen54; SEN54L
Summary:	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]).