

Product datasheet for TP308425

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC208425 representing NM_207346
Red=Cloning site **Green**=Tags(s)

MEPEPEPAAVEVPAGRVLSARELFAARSRSQKLPQRSHGPKDFLPDGSAAQAERLRRCREELWQLLAEQR
VERLGSLVAAEWRPEEGFVELKSPAGKFWQTMGFSEQGRQLHPPEALYLLECGSIHLFHQDLPLSIQEA
YQLLLTDHTVTLQYQVFSHLKKGYYVRRFQPSSVLSPYERQLNLDASVQHLEDGDGKRKRSSSSPRSI
NKKAKALDNSLQPKSLAASSPPPCSQPSQCPEEKQESSPMKGGPFQLLGSLGSPGPAAREGVGCSWE
SGRAENGVTGAGKRRWNFEQISFPNMASDSRHTLLRAPAPPELLPANVAGRETDAESWCQKLNQRKENLSR
REREHHAEEAAQFQEDVNADPEVQRCSSWREYKELLQRRQVQRSQRRAPHLWGQPVTPLSPGQASSPAV
LQHISVLQTTHLPDGGVRLLEKSGGLEIIFDVYQADAVATFRKNNPGKPYARMCISGFDEPVPDLCSLKR
LSYQSGDVPLIFALVDHGDIFYSFRDFTLPQDVGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

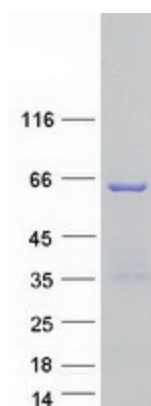
Tag: C-Myc/DDK
Predicted MW: 58.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity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