

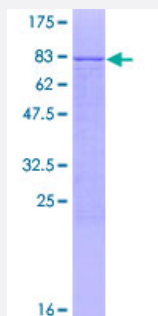
Full-Length

TSEN2 (Human) Recombinant Protein (P01)

Catalog # H00080746-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human TSEN2 full-length ORF (NP_079541.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEAVFHAPKRKR RVYETYESPLPIPGQDHGPLKEFKIFRAEMINNNVVRNAEDIEQLYGKGYFG
KGILSRSRPSFTISDPKLVAKWKDMKTNMPIITSKRYQHSVEWAAELMRRQGQDESTVRRILKDYT
KPLEHPPVKRNEEAQVHDKLNSGMVSNMEGTAGGERPSVVNGDSGKSGGVGDPREPLGCLQE
GSGCHPTTESFEKSVREDASPLPHVCCCKQDALILQRGLHHEDGSQHIGLLHPGDRGPDHEYVL
VEEAECAMSEREAAPNEELVQRNRLICRRNPYRIFEYLQLSLEEAFFLVYALGCLSIYEKEPLTIVK
LWKAFTVVQPTFRTTYMAYHYFRSKGWVPKVGLKYGTDLLLYRKGPFFYHASYSVIIELVDDHFEG
SLRRPLSWKSLAALSRVSVNVSKELMLCYLIKPSTMTDKEMESPECMKRIKVQEVILSRWVSSRE
RSDQDDL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.6

Interspecies Antigen Sequence

Mouse (68); Rat (69)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TSEN2

Entrez GeneID	80746
GeneBank Accession#	NM_025265.2
Protein Accession#	NP_079541.1
Gene Name	TSEN2
Gene Alias	MGC2776, MGC4440, PCH2B, SEN2, SEN2L
Gene Description	tRNA splicing endonuclease 2 homolog (S. cerevisiae)
Omim ID	608753
Gene Ontology	Hyperlink
Gene 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
Other Designations	tRNA splicing endonuclease 2 homolog