

Recombinant Human TSEN15 tRNA splicing endonuclease subunit, His-tagged

Cat. No. TSEN15-693H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TSEN15, 1-171aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-171 a.a.
Description	TSEN15 (tRNA-splicing endonuclease subunit Sen15) belongs to the SEN15 family. tRNA splicing is a fundamental process required for cell growth and division. SEN15 is a subunit of the tRNA splicing endonuclease. It cleaves pre-tRNA at the 5" and 3" splice sites to release the intron. Recombinant human TSEN15 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl
Molecular Mass	20.9kDa (191aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MEERGDSEPT PGCSGLGPDG VRGFGDGGGA PSWAPEDAWM GTHPKYLEMM ELDIGDATHV YVAFLVYLDL MESKSWHEVN CVGLPELQLI CLVGTEIEGE GLQTVVPTPI TASLSHNRIR EILKASRKLQ GDPDLMSFT LAIVESDSTI VYYKLTDGFM LPDPQNISLR R

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TSEN15 tRNA splicing endonuclease 15 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	TSEN15
Synonyms	TSEN15; tRNA splicing endonuclease 15 homolog (S. cerevisiae); C1orf19, chromosome 1 open reading frame 19; tRNA-splicing endonuclease subunit Sen15; hsSen15; SEN15 homolog; tRNA-intron endonuclease Sen15; sen15; C1orf19;
Gene ID	116461
mRNA Refseq	NM_001127394
Protein Refseq	NP_001120866
MIM	608756
UniProt ID	Q8WW01
Chromosome Location	1q25