

Recombinant Human tRNA Splicing Endonuclease 15 Homolog (*S. cerevisiae*), His-tagged

Cat. No. TSEN15-1787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanTSEN15 protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> andpurified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	TSEN15(tRNA-splicing endonuclease subunit Sen15) belongs to the SEN15 family. tRNAsplicing is a fundamental process required for cell growth and division.SEN15 is a subunit of the tRNA splicing endonuclease. It cleaves pre-tRNA atthe 5" and 3" splice sites to release the intron.
Concentration	0.5 mg/ml
Form	Suppliedas a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 2mM DTT, 20% glyceroland 200mM NaCl.
Purity	> 90% by SDS -PAGE
Sequence	1-171 amino acids:MGSSHHHHHH SSGLVPRGSH MEERGDSEPT PGCSGLGPDG VRGFGDGGGA PSWAPEDAWM GTHPKYLEMMELDIGDATHV YVAFLVYLDL MESKSWHEVN CVGLPELQLI CLVGTEIEGE GLQTVVPTPI TASLSHNRIREILKASRKLQ GDPDLMSFT LAIVESDSTI VYYKLTDGFM LPDPQNISLR R

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Molecular Mass	20.9 kDa(191aa), confirmed by MALDI-TOF.
Applications	SDS-PAGE
Storage	Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or -70 deg C for long term storage. Avoid repeated freeze/thaw cycles.
Official Symbol	TSEN15
GENE INFORMATION	
Gene Name	TSEN15 tRNA splicing endonuclease 15 homolog (S. cerevisiae) [Homo sapiens]
Synonyms	TSEN15; tRNA splicing endonuclease 15 homolog (S. cerevisiae); sen15; HsSEN15; SEN15; C1orf19; tRNA-splicing endonuclease subunit Sen15; hsSen15; SEN15 homolog; OTTHUMP00000033516; OTTHUMP000000228759; OTTHUMP000000228760; OTTHUMP000000228761; OTTHUMP000000228762; tRNA-intron endonuclease Sen15; chromosome 1 open reading frame 19
Gene ID	116461
mRNA Refseq	NM_052965
Protein Refseq	NP_443197
MIM	608756
UniProt ID	Q8WW01
Chromosome	1q25

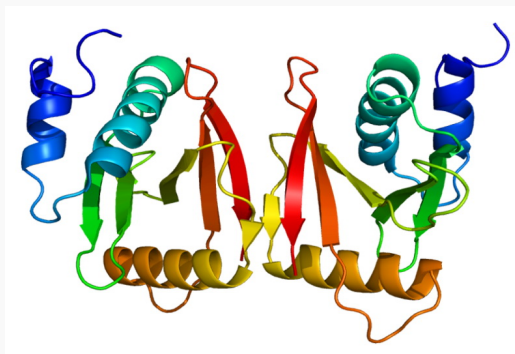
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Location

PDBrendering based
on 2gw6.



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