

TSEN15, 1-171aa, Human, His tag, E.coli

Cat.NO.: TP04319

3th Edition

Synonyms:tRNA-splicing endonuclease subunit Sen15, sen15, C1orf19

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 Weight:20.9kDa (191aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMEERGDSEPTPGCSGLGPDGVRGFGDGGGAPSWAPEDAWMGTHPKYLEMME
LDIGDATHVYVAFLVYLDLMESKSWHEVNVCVGLPELQLICLVGTEIEGEGQLQTVVPTPITASLSHNRIREILKASRKLQ
GDPDLPMSFTLAIVESDSTIVYYKLTDFMLPDPQNISLRR

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.