

## 32-5145: Recombinant Human tRNA Splicing Endonuclease 15

**Alternative Name :** tRNA-splicing endonuclease subunit Sen15, SEN15 homolog, HsSEN15, tRNA-intron endonuclease Sen15, TSEN15, C1orf19, SEN15.

### Description

Source : Escherichia Coli. TSEN15 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 191 amino acids (1-171 a.a.) and having a molecular mass of 20.9kDa. The TSEN15 is purified by proprietary chromatographic techniques. tRNA-splicing endonuclease subunit Sen15 (TSEN15) is a member of the SEN15 family. tRNA splicing is an essential process required for cell growth and division. TSEN15 is a subunit of the tRNA splicing endonuclease. TSEN15 cleaves pre-tRNA at the 5' and 3' splice sites to release the intron.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The TSEN15 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 200mM NaCl.  
**Storage condition :** TSEN15 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MEERGDSEPT PGCSGLGPDG VRGFGDGGGA PSWAPEDAWM  
GTHPKYLEMM ELDIGDATHV YVAFVLYLDL MESKSWHEVN CVGLPELQLI CLVGTEIEGE GLQTVVPTPI  
TASLSHNRIR EILKASRKLQ GDPDLPMSFT LAIVESDSTI VYYKLTDFGM LPDPQNISLR R.