

## TSEN15 Human

**Description:**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.

Catalog #:PRPS-151

For research use only.

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

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MEERGDSEPT PGCSGLGPDG  
VRFGDGGGA PSWAPEDAWM GTHPKYLEMM ELDIGDATHV YVAFLVYLDL MESKSWHEVN  
CVGLPELQLI CLVGTEIEGE GLQTVVPTPI TASLSHNRIR EILKASRKLQ GDPDLPMSFT  
LAIVESDSTI VYYKLTGDFM LPDPQNISLR R.

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

The TSEN15 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 200mM NaCl.

### Stability:

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.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

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.

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