

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
VRFGDGGA PSWAPEDAWM GTHPKYLEMM ELDIGDATHV YVAFLVYLDL MESKSWHEVN
CVGLPELQLI CLVGTEIEGE GLQTVVPTPI TASLSHNRIR EILKASRKQLQ GDPDLMSFT
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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