

Recombinant human SRP19 protein

Catalog Number: ATGP2116

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-144aa

UniProt No.

P09132

NCBI Accession No.

NP_003126

Alternative Names

Signal recognition particle 19kDa protein

PRODUCT SPECIFICATION

Molecular Weight

18.5 kDa (167aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Signal recognition particle 19kDa protein, also known as SRP19, belongs to the SRP19 family. This protein binds directly to 7S RNA and mediates binding of the 54 kDa subunit of the SRP. Recombinant human SRP19 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMACAAAR SPADQDRFIC IYPAYLNNKK TIAEGRRIPi SKAVENPTAT EIQDVCSAVG

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LNVFLEKNKM YSREWNRDVQ YRGRVVRVQLK QEDGSLCLVQ FPSRKSVMLY AAEMIPKLKT RTQKTGGADQ SLQQGEGSKK
GKGKSKK

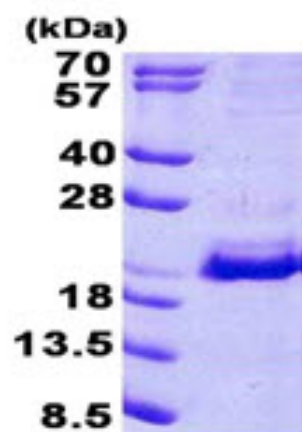
General References

Kuglstatter A., et al. (2002) Nat. Struct. Biol. 9:740-744

Wild K., et al. (2010) Acta Crystallogr. D. 66:295-303

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)