

Recombinant human SNRNP25 protein

Catalog Number: ATGP1060

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-123aa

UniProt No.

Q9BV90

NCBI Accession No.

NP_078847

Alternative Names

u11/u12 small nuclear ribonucleoprotein 25 kDa protein., C16orf33, FLJ22940

PRODUCT SPECIFICATION

Molecular Weight

17.4 kDa (152aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% 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

SNRNP25 belongs to the small nuclear ribonucleoprotein core protein family. This protein is a component of the u12-type spliceosome that is found in some eukaryotes and removes u12-type introns, which are rare and have distinct splice consensus signals. The u12-type spliceosome consists of several small nuclear RNAs and associated proteins. Recombinant human SNRNP25 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MDVFQEGLA>M VVQDPLLCDL PIQVTLEEVN SQIALEYGQA MTVRVCKMDG
EVMPVVVVQS ATVLDLKKAI QRYVQLKQER EGGIQHISWS YVWRTYHLTS AGEKLTEDRK KLRDYGIRNR DEVSFIKKLR QK

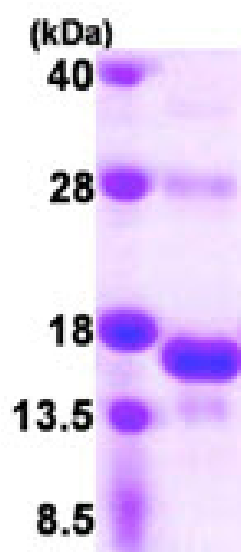
General References

Pessa HK., et al. (2008) Proc Natl Acad Sci u S A. 105(25):8655-60.

De Gobbi M., et al. (2006) Science. 312(5777):1215-7.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)