Recombinant human TSN protein

Catalog Number: ATGP0761

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-228aa

UniProt No.
Q15631

NCBI Accession No.
NP_004613

Alternative Names
Translin, BCLF-1, RCHF1, REHF-1, TBRBP, TRSLN

PRODUCT SPECIFICATION

Molecular Weight
26.1 kDa (228aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol 100mM NaCl

Purity
> 90% by SDS-PAGE

Tag
Non-Tagged

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
Translin, also known TSN, is a DNA and RNA binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin forms a ring-shaped structure, which is responsible for DNA binding, and also contains a leucine zipper motif, which is thought to enable translin to form dimers. Translin exports specific mRNAs out of the nucleus, supported by its localization in both the nuclei and cytoplasm of neurons, and regulates their translation. Recombinant human Translin protein, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human TSN protein

Catalog Number: ATGP0761

Amino acid Sequence

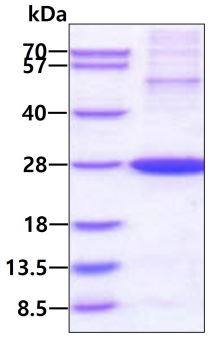
MSVSEIFVEL QGFLAAEQDI REEIRKVVQS LEQTAREILT LLQGVHQGAG FQDIPKRCLK AREHFGTVKT HLTSLKTKFP AEQYYRFHEH WRFVLQRLVF LAAFVVYLET ETLVTREAVT EILGIEPDRE KGFHLDVEDY LSGVLILASE LSRLSVNSVT AGDYSRPLHI STFINELDSG FRLLNLKNDS LRKRYDGLKY DVKKVEEVVY DLSIRGFNKE TAAACVEK

General References

Gu W., et al. (1998) Mol Reprod Dev. 49:219-228.
Aoki K., et al. (1999) FEBS Lett. 443:363-366.

DATA

SDS-PAGE



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