

Recombinant human IFT20 protein

Catalog Number: ATGP1722

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-132aa

UniProt No.

Q8IY31

NCBI Accession No.

AAH38094

Alternative Names

IFT20 protein, ADP-ribosylation factor-like 14, ARF7; FLJ22595

PRODUCT SPECIFICATION

Molecular Weight

17 kDa (152aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Purity

> 95% 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

IFT20 is part of intraflagellar transport (IFT) particles involved in ciliary process assembly. This protein may play a role in the trafficking of ciliary membrane proteins from the Golgi complex to the cilium. IFT20 is expressed in almost all tissues. Recombinant human IFT20 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 MAKDILGEAG LHFDELNKLRLVDPEVTQQT IELKEECKDF VDKIGQFQKI VGGLIELVDQ

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LAKEAENEKM KAIGARNLLK SIAKQREAQQ QQLQALIAEK KMQLERYRVE YEALCKVEAE QNEFIDQFIF QK

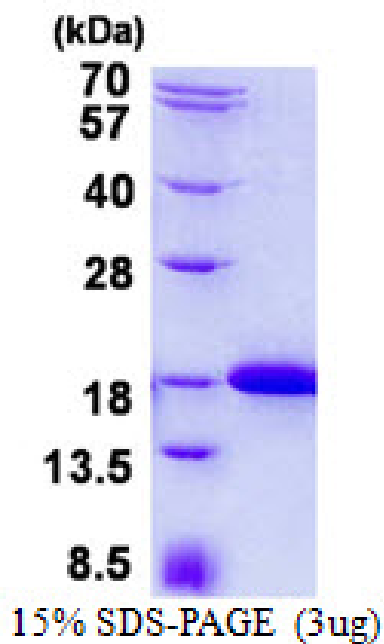
General References

Jurczyk A., et al. (2004). J Cell Biol. 30
166(5):637-43.

Baker SA., et al. (2003). J Biol Chem. 5
278(36):34211-8.

DATA

SDS-PAGE



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