Recombinant human TRAPPC3 protein

Catalog Number: ATGP1451

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-180aa

UniProt No.
O43617

NCBI Accession No.
NP_055223

Alternative Names
Trafficking protein particle complex subunit 3, BET3

PRODUCT SPECIFICATION

Molecular Weight
22.4 kDa (200aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM 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
TRAPPC3, also known as trafficking protein particle complex subunit 3, is a component of the TRAPP complex, which is involved in tethering of transport vesicles to the cis-Golgi membrane. It may play a role in vesicular transport from endoplasmic reticulum to Golgi. Recombinant human TRAPPC3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH> MSRQANRGTE SKKMSSELFT LTYGALVTQL CKDYENDEDV NKQLDKMGFN

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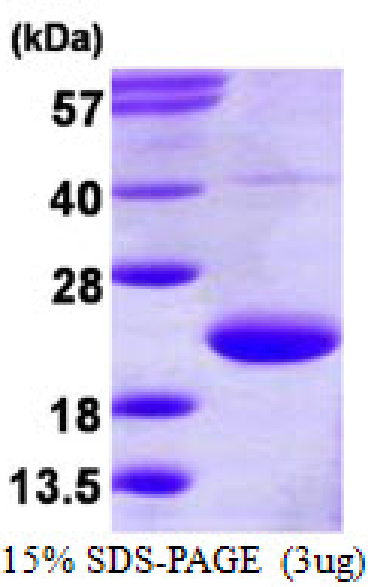
IGVRLIEDFL ARSNVGRCHD FRETADVIAK VAFKMYLGIT PSITNWSPAG DEFSLILENN PLVDFVELPD NHSSLIYSNL LCGVLRGALE MVQMAVEAKF VQDTLKGDGV TEIRMRFIRR IEDNLPAGEE

General References

Scrivens P.J., et al. (2009) Traffic. 10:724-736
Scrivens P.J., et al. (2011) Mol. Biol. Cell. 22:2083-2093

DATA

SDS-PAGE



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