Recombinant human RABIF protein

Catalog Number: ATGP0692

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-123aa

UniProt No.
P47224

NCBI Accession No.
NP_002862

Alternative Names
Guanine nucleotide exchange factor MSS4, MSS4, RASGFR3, RASGRF3, Rab-interacting factor, Guanine nucleotide exchange factor MSS4

PRODUCT SPECIFICATION

Molecular Weight
16 kDa (143aa) 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, 0.1M NaCl,1mM DTT

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
RABIF, also known as guanine nucleotide exchange factor MSS4, is a guanine-nucleotide-releasing protein that may participate in vesicular transport. This protein stimulates GTP-GDP exchange in Sec4 and Rab and binds to a subset of genetically related Rab proteins. Recombinant human RABIF 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

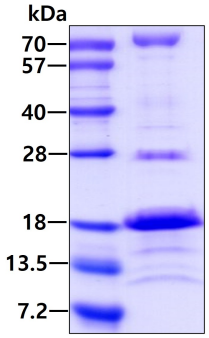
<MGSSHHHHHH SSGLVPRGSH> MEPAEQPSELVSAEGRNRKA VLCQRCGSRV LQPGTALFSR RQLFLPSMRK KPALSDGSNP DGDLLQEHWL VEDMFIFENV GFTKDVGNIK FLVCADCEIG PIGWHCLDDK NSFYVALERV SHE

General References

Muller-Pillasch F, et al.. (1998) Genomics 46 (3): 389-96
Yu H, et al. (1995) Nature 376 (6543): 788-91

DATA

SDS-PAGE



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