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# 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**

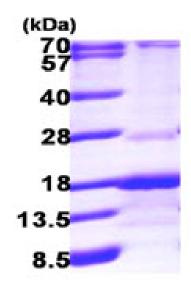
MGSSHHHHHH SSGLVPRGSH MEPAEQPSELVSAEGRNRKA VLCQRCGSRV LQPGTALFSR RQLFLPSMRK KPALSDGSNP DGDLLQEHWL VEDMFIFENV GFTKDVGNIK FLVCADCEIG PIGWHCLDDK NSFYVALERV SHE

#### **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**



15% SDS-PAGE (3ug)

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

