Recombinant Human RAB Interacting Factor, His-tagged

Cat. No. RABIF-2799H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RABIF protein (1-123 aa), fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-123 a.a.
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.
Sequences	MGSSHHHHHH SSGLVPRGSH MEPAEQPSELVSAEGRNRKA VLCQRCGSRV LQPGTALFSR RQLFLPSMRK KPALSDGSNP DGDLLQEHWL VEDMFIFENV GFTKDVGNIK FLVCADCEIG PIGWHCLDDK NSFYVALERV SHE.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M Nacl, 1mM DTT, 20% glycerol.
Molecular Weight	16.0 kDa (143aa),confirmed by MALDI-TOF.
Purity	> 85% by SDS – PAGE.

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Concentration	0.5 mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	RABIF RAB interacting factor [Homo sapiens]
Synonyms	RABIF; RAB interacting factor; Ras-specific guanine-releasing factor 3; guanine nucleotide exchange factor MSS4; mammalian suppressor of SEC4; rab-interacting factor; MSS4; RASGFR3; RASGRF3
Gene ID	5877
mRNA Refseq	NM_002871
Protein Refseq	NP_002862
MIM	603417
UniProt ID	P47224
Chromosome Location	1q32.1
Function	guanyl-nucleotide exchange factor activity; metal ion binding; zinc ion binding

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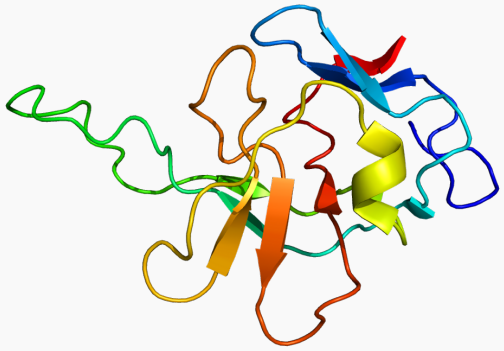

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