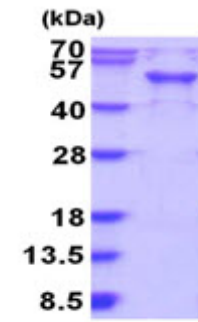


**AR51728PU-N****Human RAB3IL1 (1-382, His-tag) - Purified**

<b>Alternate names:</b>	GRAB, Guanine nucleotide exchange factor for Rab-3A, Rab-3A-interacting-like protein 1, Rabin3-like 1
<b>Quantity:</b>	0.25 mg
<b>Concentration:</b>	0.25 mg/ml (determined by Bradford assay)
<b>Background:</b>	Guanine nucleotide exchange factor for Rab-3A isoform 1, also known as RAB3IL, is a 382 amino acid protein that belongs to the SEC2 family. RAB3IL1 is a guanine nucleotide exchange factor (GEF) for Rab3A. RAB3IL1 competes for an interaction with Rab3A and IHPK1 through its coiled coil domain, which does not require IHPK1 kinase activity.
<b>Uniprot ID:</b>	<a href="#">Q8TBN0</a>
<b>NCBI:</b>	<a href="#">NP_037533</a>
<b>GeneID:</b>	<a href="#">5866</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> Phosphate buffer saline (pH 7.4) containing 50% glycerol.
<b>Description:</b>	Recombinant human RAB3IL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSWWSGPPQ PDQGLPPPLA AVPVPWKSTD PCQGHRESPG ALVETSAGEE AQQQEGPAAA QLDVLRRLRSS SMEIREKGSE FLKEELHRAQ KELKLDDEEC ERLSKVREQL EQELEELTAS LFEEAHKMVR EANMKQAASE KQLKEARGKI DMLQAEVTAL KTLVITSTPA SPNRELHPQL LSPTKAGPRK GHSRHKSTSS TLCPAVCPAA GHTLTPDREG KEVDTILFAE FQAWRESPTL DKTCPFLERV YREDVGPCLD FTMQELSVLV RAAVEDNTLT IEPVASQTLF TVKVAEVDCS STNTCALSGL TRTCRHRIRL GDSKSHYYIS PSSRARITAV CNFFTYIRYI QQGLVRQDAE PMFWEIMRLR KEMSLAKLGF FPQEA <b>Molecular weight:</b> 45 kDa (405aa) confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Luo H R., et al. (2001) Neuron. 31: 439-451. Rual J F., et al. (2005) Nature. 437: 1173-1178.

Pictures:



15% SDS-PAGE (3ug)