

## Product datasheet for **TP760069**

### **RAB3IP (NM\_001024647) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human RAB3A interacting protein (rabin3) (RAB3IP), transcript variant A, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length RAB3IP
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	53
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001019818</a>
<b>Locus ID:</b>	117177
<b>UniProt ID:</b>	<a href="#">Q96QF0</a>
<b>RefSeq Size:</b>	8866
<b>Cytogenetics:</b>	12q15
<b>RefSeq ORF:</b>	762
<b>Synonyms:</b>	RABIN3; RABIN8



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**Summary:**

Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5. Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface. Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis.[UniProtKB/Swiss-Prot Function]

**Product images:**