

## Recombinant Human RAB3IL1 protein, GST-tagged

**Cat. No.** RAB3IL1-2124H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAB3IL1 protein(1-382 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-382 aa                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).                        |
| <b>AASequence</b>       | MWSGPPQPDQGLPPPLAAVPVPWKSTDPCQGHRESPGALVETSAGEEAQGQEGP<br>AAAQLDVLRLRSSMEIREKGSEFLKEELHRAQKELKLKDEECERLSKVREQLQEL<br>EELTASLFEEAHKMOVREANMKQAASEKQLKEARGKIDMLQAEVTALKTLVITSTPAS<br>PNRELHPQLLSPTKAGPRKGHSRHKSTSSTLCPAVCPAAGHTLTPDREGKEVDITLF<br>AEFQAWRESPTLDKTCPLERVYREDVGPCLDFTMQELSVLVRAAVEDNTLTIEPVA<br>SQTLPVKVAEVDCSSTNTCALSGLTRTCRHRIRLGDSKSHYYISPSSRARITAVCNF<br>FTYIRYIQQGLVRQDAEPMFWEIMRLRKEMSLAKLGFFPQEA |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                                            |

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**Storage** Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution** Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name** RAB3IL1 RAB3A interacting protein (rabin3)-like 1 [ Homo sapiens ]

**Official Symbol** RAB3IL1

**Synonyms** RAB3IL1; RAB3A interacting protein (rabin3)-like 1; guanine nucleotide exchange factor for Rab-3A; rabin3-like 1; rab3A-interacting-like protein 1; rab-3A-interacting-like protein 1; guanine nucleotide exchange factor for Rab3A; GRAB;

**Gene ID** 5866

**mRNA Refseq** NM\_013401

**Protein Refseq** NP\_037533

**UniProt ID** Q8TBN0

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**SDS-PAGE**

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