# Active Recombinant Human RAB22A Protein, GST/His-tagged

**Cat. No.** RAB22A-713H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human RAB22A protein (NP_065724) was expressed in E. coli with GST-His tag. |
| **Species** | Human |
| **Source** | E.coli |
| **Description** | Rab22A is a small GTPase that belongs to the Ras superfamily. Rab proteins play an important role in various aspects of membrane traffic, including cargo selection, vesicle budding, vesicle motility, tethering, docking, and fusion. Rab22A is found in early endosomes and trans Golgi. It interacts with EEA 1 and controls endosomal membrane trafficking. The GST-Tag facilitates the protein`s application in typical GST pull-down assays. |
| **Form** | 50 mM Tris-HCl pH 8.0, 100 mM NaCl, 10 mM MgCl2, 10 μM GDP and 2 mM mercaptoethanol |
| **Bio-activity** | 100 pmol of protein can bind > 80 pmol of GDP. |
| **Purity** | > 90 % (SDS-PAGE) |
| **Storage** | Store at -80 centigrade, avoid freeze/thaw cycles. |

## GENE INFORMATION

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| **Gene Name** | RAB22A RAB22A, member RAS oncogene family [ Homo sapiens ] |
| **Official Symbol** | RAB22A |
| **Synonyms** | RAB22A |
| **Gene ID** | 57403 |
| **mRNA Refseq** | NM_020673.2 |
| **Protein Refseq** | NP_065724.1 |
| **MIM** | 612966 |
| **UniProt ID** | Q9UL26 |

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