Active Recombinant Mouse RAB1A Protein, GST/His-tagged

Cat. No. RAB1A-705M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse RAB1A protein (AF226873) was expressed in E. coli with GST-His tag.
Species	Mouse
Source	E.coli
Description	Rab1A 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. For example, Rab1A, Rab1B, and Rab2 are located in the ER to Golgi intermediate compartment and cis Golgi cisternae and are required for ER to Golgi and intra Golgi transport. The GST-Tag facilitates the protein's application in typical GST pull-down assays.
Form	25 mM HEPES pH 7.2, 100 mM NaCl, 2 mM MgCl2, 10 μM GDP and 2 mM DTE
Bio-activity	100 pmol of protein can bind > 80 pmol of GDP.
Molecular Mass	52 kDa
Purity	> 90 % (SDS-PAGE)
Storage	Store at -80 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	RAB1A, member RAS oncogene family [Mus musculus]
Official Symbol	RAB1A
Synonyms	RAB1; YPT1
Gene ID	5861
mRNA Refseq	NM_004161.4
Protein Refseq	NP_004152.1
MIM	179508
UniProt ID	P62820

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