

Active Recombinant Mouse RAB18 Protein, GST/His-tagged

Cat. No. RAB18-712M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse RAB18 protein was expressed in E. coli with GST-His tag.
Species	Mouse
Source	E.coli
Description	Rab18A 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. Rab18A is localized in dense apical tubules (kidney) and basolateral membrane (intestine) as well as lipid droplets in ER and neuroendocrine secretory granules. The enzyme is involved in the formation of lipid droplets from ER. Furthermore it is a negative regulator of neuroendocrine secretion. 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 MgCl ₂ , 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	Rab18 RAB18, member RAS oncogene family [Mus musculus]
Official Symbol	RAB18
Synonyms	AA959686
Gene ID	19330
mRNA Refseq	NM_181070.5
Protein Refseq	NP_851415
UniProt ID	P35293

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