

Rab1b

Recombinant Rat Ras-related protein Rab-1B, GST-His-tag, Active

Catalog No.	CSI13587	Quantity:	50 µg
Alternate Names:	Ras-associated, small GTP-binding protein, Rab1b		
Description:	Rab1B 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.		
UniProt ID:	P10536		
Gene ID:	100126191		
Source:	<i>E. coli</i>		
Molecular Weight:	52 kDa		
Formulation:	50 mM Tris-HCl, 200 mM NaCl, 2 mM MgCl ₂ , 10 µM GDP, 2 mM beta-mercaptoethanol, pH 8.0		
Purity:	> 90% by SDS-PAGE		
Activity:	100 pmol of protein can bind > 80 pmol of GDP.		
Storage & Stability:	Store for up to 1 year at -80°C. Upon initial thaw, prepare aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		

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