

Rab1a

Recombinant Mouse Ras-related protein Rab-1A, Active, GST-His-tag

Catalog No.	CSI13840	Quantity:	50 µg
Alternate Names:	Ras oncogene protein, Ras-associated, small GTP-binding protein		
Description:	<p>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.</p> <p>For example, Rab1A, Rab1B (cat.# CSI13587), and Rab2 (cat.# CSI13778, CSI13779) are located in the ER to Golgi intermediate compartment and cis Golgi cisternae and are required for ER to Golgi and intra Golgi transport.</p> <p>The GST-Tag facilitates the protein's application in typical GST pull-down assays.</p>		
UniProt ID:	P62821		
Gene ID:	19324		
Source:	<i>E. coli</i>		
Molecular Weight:	52 kDa		
Formulation:	25 mM HEPES, 100 mM NaCl, 2 mM MgCl ₂ , 10 µM GDP, 2 mM DTE, pH 7.2.		
Purity:	>90% by SDS-PAGE		
Activity:	100 pmol of protein can bind > 80 pmol of GDP.		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. Avoid freeze-thaw cycles.		

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