

RAB4A

Recombinant Human Ras-related protein Rab-4A, Active, GST-His-tag

Catalog No.	CSI13781	Quantity:	50 µg
Alternate Names:	RAB4A, member RAS oncogene family, Ras-associated, small GTP-binding protein		
Description:	Rab4A 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. The monomeric GTPase Rab4 is associated with early endosomes and regulates recycling vesicle formation. Together with Rab5 it act to control influx and efflux out of early endosomes. The GST-Tag facilitates the protein's application in typical GST pull-down assays.		
UniProt ID:	P20338		
Gene ID:	5867		
Source:	<i>E. coli</i>		
Molecular Weight:	53 kDa		
Formulation:	50 mM Tris-HCL, 200 mM NaCl, 10 mM MgCl ₂ , 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 at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. Avoid freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

