

## RAB4A

### Recombinant Human Ras-related protein Rab-4A, Active

<b>Catalog No.</b>	CSI13782	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	RAB4A, member RAS oncogene family, Ras-associated, small GTP-binding protein		
<b>Description:</b>	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.		
<b>UniProt ID:</b>	P20338		
<b>Gene ID:</b>	5867		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	53 kDa		
<b>Formulation:</b>	50 mM Tris-HCL, 200 mM NaCl, 10 mM MgCl <sub>2</sub> , 2 mM beta-mercaptoethanol, pH 8.0		
<b>Purity:</b>	> 90% by SDS-PAGE		
<b>Biological Activity:</b>	100 pmol of protein can bind > 80 pmol of GDP.		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. <b>Avoid freeze-thaw cycles.</b>		

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