



# Recombinant Rat Ras-related protein Rab-27A (Rab27a)

<b>Product Code</b>	CSB-MP019177RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P23640
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSDGDYDYLI KFLALGDSGV GKTSVLYQYT DGKFNSKFIT TVGIDFREKR VVYRANGPDG TVGRGQRIHL QLWDTAGQER FRSLTTAFFR DAMGFLLLFD LTNEQSFLNV RNWISQLQMH AYCENPDIVL CGNKSLEDQ RAVKEEEARE LAEKYGIPYF ETSANGTNI SQAIEMLLDL IMKRMERCVD KSWIPEGVVR SNGHTSTDQL SEEKEKGLCG C
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Rab27a
<b>Protein Names</b>	Recommended name: Ras-related protein Rab-27A Short name= Rab-27 Alternative name(s): GTP-binding protein Ram Ram p25
<b>Expression Region</b>	1-221
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.