Recombinant RAB1C protein (His tag)

Catalog Number	549861
Synonyms	hRab1c
Species	Human
Expression System	E. coli
Accession	Q92928
Molecular Weight	Predictes a molecular mass of 23.67 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 24 kDa band.

Product Information

Sequence Region	1-201
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 1-201 aa (Q92928) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant human Putative Ras-related protein Rab-1C (hRab1c) fragment (amino acids 1-201) is a high-quality, stable protein designed for structural and biochemical studies. This fragment captures a soluble and functional unit of the enzyme, ideal for investigating vesicular trafficking mechanisms in cellular transport. The full-length Putative Ras-related protein Rab-1C (hRab1c) is involved in protein transport and is believed to play a role in vesicular traffic, facilitating intracellular communication and cargo movement. It localizes to the membrane, where it is lipid-anchored on the cytoplasmic side, and is also found in the cytoplasm, reflecting its dynamic participation in membrane-associated processes critical for cellular organization and function.