

Recombinant Full Length Human RAB5A Protein, C-Flag-tagged

Cat. No. RAB5A-859HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RAB5A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables GDP binding activity; GTP binding activity; and GTPase activity. Involved in several processes, including amyloid-beta clearance by transcytosis; early endosome to late endosome transport; and regulation of exocytosis. Located in several cellular components, including cytoplasmic side of early endosome membrane; nucleoplasm; and terminal bouton.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.5 kDa
AA Sequence	MASRGATRPNGPNTGNKICQFKLVLLGESAVGKSSLVLRVKGQFHEFQESTIGAAL LTQTVCLDDTTVK FEIWDTAGQERYHSLAPMYRGAQAAIVVYDITNEESFARAKN WVKELQRQASPNIVIALSGNKADLANK RAVDFQEAQSYADDNSLLFMETSAKTSMN VNEIFMAIAKKLPKNPQNPGANSARGRGVDLTEPTQPTRN QCCSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Amyotrophic lateral sclerosis (ALS), Endocytosis
Full Length	Full L.

GENE INFORMATION

Gene Name	RAB5A RAB5A , member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB5A
Synonyms	RAB5
Gene ID	5868
mRNA Refseq	NM_004162.5
Protein Refseq	NP_004153.2
MIM	179512

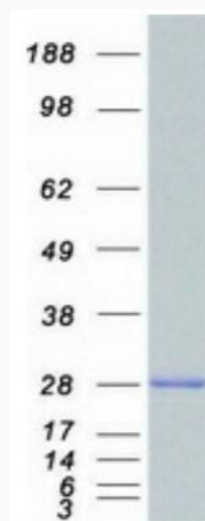
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UniProt ID

P20339



Coomassie blue staining of purified RAB5A protein.

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