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	MASRGATRPNGPNTGNKICQFKLVLLGESAVGKSSLVLRFVKGQFHEFQESTIGAAF LTQTVCLDDTTVK FEIWDTAGQERYHSLAPMYYRGAQAAIVVYDITNEESFARAKN WVKELQRQASPNIVIALSGNKADLANK RAVDFQEAQSYADDNSLLFMETSAKTSMN VNEIFMAIAKKLPKNEPQNPGANSARGRGVDLTEPTQPTRN QCCSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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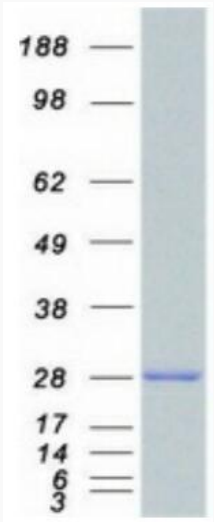
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through 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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