

Recombinant Full Length Human RAB12 Protein, C-Flag-tagged

Cat. No. RAB12-803HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RAB12 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables GDP binding activity. Predicted to be involved in several processes, including cellular response to insulin stimulus; endosome to lysosome transport; and secretion by cell. Predicted to act upstream of or within cellular response to interferon-gamma. Predicted to be located in lysosome; phagocytic vesicle; and recycling endosome membrane. Predicted to be active in Golgi apparatus; cytoplasmic vesicle; and plasma membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.1 kDa
AA Sequence	MDPGAALQRRAGGGGGLGAGSPALSGGQGRRRKQPPRPADFKLQVIIIIGSRGVGK TSLMERFTDDTFCEA CKSTVGVDKFIKTVELRGKKIRLQIWDTAGQERFNSITSAYY RSAKGIIILVYDITKKETFDDLKPKWMKMI DKYASEDAELLVGNKLDCEITRQQG EKFAQQITGMRFCESAKDNFNVDEIFLKLVDILKKMPL DILRNELSNSILSLQPEPEIPPELPPPRPHVRCCTRTRPLEQKLISEEDLAANDILDYK DDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
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.
Full Length	Full L.

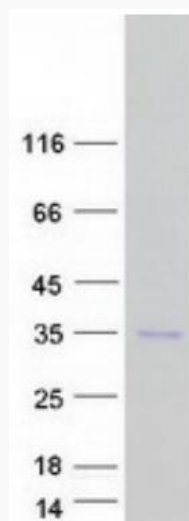
GENE INFORMATION

Gene Name	RAB12 RAB12, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB12
Synonyms	FLJ45927; MGC104724
Gene ID	201475
mRNA Refseq	NM_001025300.3
Protein Refseq	NP_001020471.3
MIM	616448
UniProt ID	Q6IQ22

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Coomassie blue staining of purified RAB12 protein.

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