

Recombinant Full Length Human RAB1A Protein, C-Flag-tagged

Cat. No. RAB1A-1187HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RAB1A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	22.5 kDa
AA Sequence	MSSMNPEYDYLFLKLLIGDSGVGKSCLLLRFADDTYTESYISTIGVDFKIRTIELDGKTI KLQIWDTAGQ ERFRTITSSYYRGAHGIIVVYDVTQESFNNVKQWLQEIDRYASENV NKLLVGNNKCDLTTKKVVDYTTAK EFADSLGIPFLETSAKNATNVEQSFMTMAAEIKK RMGPGATAGGAEKSNVKIQSTPVKQSGGGCCTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
Full Length	Full L.

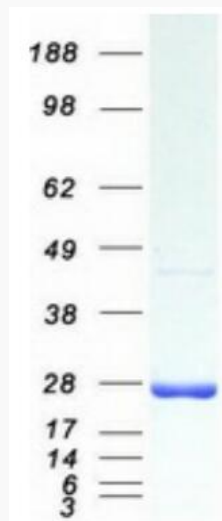
GENE INFORMATION

Gene Name	RAB1A RAB1A, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB1A
Synonyms	RAB1; YPT1
Gene ID	5861
mRNA Refseq	NM_004161.5
Protein Refseq	NP_004152.1
MIM	179508
UniProt ID	P62820

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Coomassie blue staining of purified RAB1A protein.