

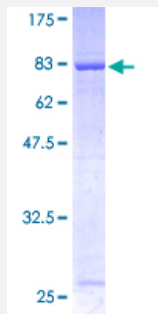
Full-Length

RABGEF1 (Human) Recombinant Protein (P01)

Catalog # H00027342-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RABGEF1 full-length ORF (AAH15330, 1 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSLKSERRGHVDQSDLLCKKGCYGNPAWQGFCSKCWREEYHKARQKQIQEDWELAERLQR
EEEEAFASSQSSQGAQSLTFSKFEEKKTNEKTRKVTTVKKFFSASSRVGSKKEIQEAKAPSPSIN
RQTSIETDRVSKEFIEFLKTFHKTGQEYKQTKLFLEGMHYKRDLSIEEQSECAQDFYHNVAERMQT
RGKVPPERVEKIMDQIEKYIMTRLKYVFCPETTDDEKKDLAIQKRIRALRWVTPQMLCVPVNEDIP
EVSDMVVKAITDIIEMDSKRVPDKLACITKCSKHIFNAIKITKNEPASADDFLPTLMVLKGNPPRLQ
SNIQYITRFCNPSRLMTGEDGYFTNLCCAVAFIEKLDLQSLNLSQEDFDRYMSGQTSPRKQEAES
WSPDACLGVKQMYKNLDLLSQLNERQERIMNEAKKLEKDLIDWTDGIAREVQDIVEKYPLEIKPPN
QPLAAIDSENVENDKLPPPLQPQVYAG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.64

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RABGEF1

Entrez GeneID	27342
GeneBank Accession#	BC015330.1
Protein Accession#	AAH15330
Gene Name	RABGEF1
Gene Alias	FLJ32302, RABEX5, rabex-5
Gene Description	RAB guanine nucleotide exchange factor (GEF) 1
Omim ID	609700
Gene Ontology	Hyperlink
Gene Summary	RABGEF1 forms a complex with rabaptin-5 (RABPT5; MIM 603616) that is required for endocytic membrane fusion, and it serves as a specific guanine nucleotide exchange factor for RAB5 (RAB 5A; MIM 179512) (Horiuchi et al., 1997 [PubMed 9323142]).[supplied by OMIM]
Other Designations	Rab5 GDP/GTP exchange factor

Disease

- [Tobacco Use Disorder](#)