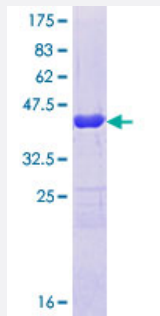


ARFGEF1 (Human) Recombinant Protein (Q01)

Catalog # H00010565-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARFGEF1 partial ORF (NP_006412.2, 311 a.a. - 411 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EVLYDGENHDCEEKPDIVQNIVEEMVNIVVGDMGEGTTINASADGNIGTIEDGSDSENIQANGIPG TPISVAYTPSLPDDRSLVSSNDTQESGNSSGPSP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (84); Rat (84)
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 — ARFGEF1

Entrez GeneID [10565](#)

GeneBank Accession# [NM_006421](#)

Protein Accession# [NP_006412.2](#)

Gene Name ARFGEF1

Gene Alias ARFGEF1, BIG1, D730028O18Rik, DKFZP434L057, P200

Gene Description ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)

Omim ID [604141](#)

Gene Ontology [Hyperlink](#)

Gene Summary ADP-ribosylation factors (ARFs) play an important role in intracellular vesicular trafficking. The protein encoded by this gene is involved in the activation of ARFs by accelerating replacement of bound GDP with GTP. It contains a Sec7 domain, which may be responsible for the guanine-nucleotide exchange activity and also the brefeldin A inhibition. [provided by RefSeq]

Other Designations brefeldin A-inhibited guanine nucleotide-exchange protein 1

Disease

- [Asthma](#)
- [Tobacco Use Disorder](#)