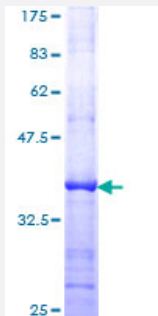


ARF5 (Human) Recombinant Protein (Q01)

Catalog # H00000381-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARF5 partial ORF (AAH03043, 81 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YFQNTQGLIFVVDSDNRERVQESADELQKMLQEDELRLDAVLLVFANKQDMPNAMPVSELTDKLG LQHLSRSTWYVQATCATQGTGLYDGLDWLSHELKSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — ARF5

Entrez GeneID [381](#)

GeneBank Accession# [BC003043](#)

Protein Accession# [AAH03043](#)

Gene Name ARF5

Gene Alias -

Gene Description ADP-ribosylation factor 5

Omim ID [103188](#)

Gene Ontology [Hyperlink](#)

Gene Summary ADP-ribosylation factor 5 (ARF5) is a member of the human ARF gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization. The ARF5 gene spans approximately 3.2kb of genomic DNA and contains six exons and five introns. [provided by RefSeq]

Other Designations -