

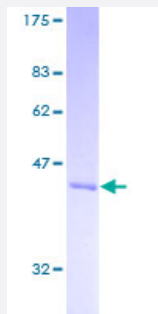
Full-Length

ARL6 (Human) Recombinant Protein (P01)

Catalog # H00084100-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARL6 full-length ORF (AAH24239, 1 a.a. - 186 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGLLDRLSVLLGLKKKEVHVLCLGLDNSGKTTINKLKPSNAQSQNILPTIGFSIEKFKSSSLSTVF DMSGQGGRYRNLWEHYYKEGQAIIFVIDSSDRLRMVVAKEELDTLLNHPDIKHRRIPILFFANKMDLR DAVTSVKVSQLLCLENIKDKPWHICASDAIKGEGVLDVLDQIQTVKT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.2
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 — ARL6

Entrez GeneID [84100](#)

GeneBank Accession# [BC024239](#)

Protein Accession# [AAH24239](#)

Gene Name ARL6

Gene Alias BBS3, MGC32934

Gene Description ADP-ribosylation factor-like 6

Omim ID [209900 608845](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the ARF family of GTP-binding proteins. ARF proteins are important regulators of cellular traffic and are the founding members of an expanding family of homologous proteins and genomic sequences. They depart from other small GTP-binding proteins by a unique structural device that implements front-back communication from the N-terminus to the nucleotide-binding site. Studies of the mouse ortholog of this protein suggest an involvement in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been described. [provided by RefSeq]

Other Designations -

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Obesity](#)
- [Retinal Diseases](#)