

Product datasheet for **AR09742PU-L**

ARF6 (1-175, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ARF6 (1-175, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MGKVLKIFG NKEMRILMLG LDAAGKTTIL YKLKLGQSVT TIPTVGFNVE TVTYKNVKFN VWDVGGQDKI RPLWRHYTG TQGLIFVDC ADRDRIDEAR QELHRIINDR EMRDAILIF ANKQDLPDAM KPHEIQEKLK LTRIRDRNWY VQPSCATSGD GLYEGLTWLT SNYKS
Tag:	His-tag
Predicted MW:	22.2 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 0.2 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARF6 protein , fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001654</u>
Locus ID:	382
UniProt ID:	<u>P62330</u>
Cytogenetics:	14q21.3



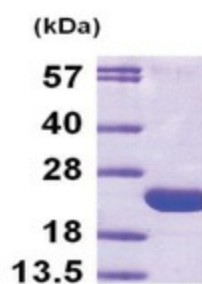
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Summary:

This gene encodes a member of the human ARF gene family, which is part of the RAS superfamily. The ARF 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 product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7. [provided by RefSeq, Jul 2008]

Protein Pathways:

Endocytosis, Fc gamma R-mediated phagocytosis

Product images:

15% SDS-PAGE (3ug)