

Product datasheet for **AR39040PU-L**

ARF5 (1-180, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ARF5 (1-180, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MGLTVSALFS RIFGKKQMRI LMVGLDAAGK TTILYKCLKG EIVTTIPTIG FNVETVEYKN ICFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV QESADELQKM LQEDEL RDAV LLVFANKQDM PNAMPVSELT DKLGLQLHRS RTWYVQATCA TQGTGLYDGL DWLSHELKSKR
Tag:	His-tag
Predicted MW:	22.6 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARF5 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_001653</u>
Locus ID:	381
UniProt ID:	<u>P84085</u> , <u>A4D0Z3</u>
Cytogenetics:	7q32.1



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Summary:

This gene is a member of the human ADP-ribosylation factor (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. [provided by RefSeq, Dec 2010]

Product images: