

## Product datasheet for **AR09804PU-N**

### ARF4 (1-180, His-tag) Human Protein

#### Product data:

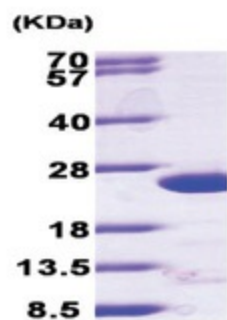
Product Type:	Recombinant Proteins
Description:	ARF4 (1-180, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> <u>MGSHMGLTIS</u> SLFSRLFGKK QMRILMVGLD AAGKTTILYK LKLGEIVTTI PTIGFNVETV EYKNICFTVW DVGQDRIRP LWKHYFQNTQ GLIFVWDSND RERIQEVAD E LQKMLLVDEL RDAVLLLFAN KQDLPNAMAI SEMTDKLG LQ SLRNRTWYVQ ATCATQGTGL YEGLDWLSNE LSKR
Tag:	His-tag
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5 mM DTT, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARF4 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><a href="#">NP_001651</a></u>
Locus ID:	378
UniProt ID:	<u><a href="#">P18085</a></u>
Cytogenetics:	3p14.3
Synonyms:	ARF2



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**Summary:**

This gene is a member of the human ARF gene family whose members 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 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. The ARF proteins are categorized as class I, class II and class III; this gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains six exons and five introns. This gene is the most divergent member of the human ARFs. Conflicting map positions at 3p14 or 3p21 have been reported for this gene. [provided by RefSeq, Jul 2008]

**Product images:**

15% SDS-PAGE (3ug)