

Product datasheet for **TP303600M**

ARF6 (NM_001663) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor 6 (ARF6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203600 protein sequence Red =Cloning site Green =Tags(s)
	MGKVLISKIFGNKEMRILMLGLDAAGKTTILYKCLKLQSVTTIPTVGFNVETVITYKNVKFNVWDVGGQDKI RPLWRHYTGTQGLIFWDCADRDRIDEARQELHRIINDREMRDAIILIFANKQDLPDAMKPHEIQEKLK LTRIRDRNWYVQPSCATSGDGLYEGLTWLTSNYKS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	19.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001654
Locus ID:	382
UniProt ID:	P62330
RefSeq Size:	3939



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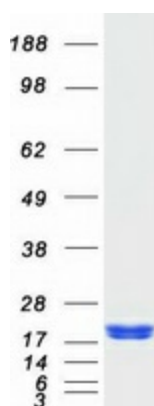
Cytogenetics: 14q21.3

RefSeq ORF: 525

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:



Coomassie blue staining of purified ARF6 protein (Cat# [TP303600]). The protein was produced from HEK293T cells transfected with ARF6 cDNA clone (Cat# [RC203600]) using MegaTran 2.0 (Cat# [TT210002]).