

## Product datasheet for **TP306192L**

### **ARF3 (NM\_001659) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ADP-ribosylation factor 3 (ARF3), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC206192 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MGNIFGNLLKSLIGKKEMRILMVGLDAAGKTTILYKLLGIEVTTIPTIGFNVETVEYKNISFTWVDVGG QDKIRPLWRHYFQNTQGLIFVDSNDRERVNEAREELMRMLAEDELRDVLLVFANKQDLPNAMNAAEIT DKLGLHSLRHRNWWYIQATCATSGDGLYEGLDWLANQLKNKK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	20.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_001650</a></u>
<b>Locus ID:</b>	377
<b>UniProt ID:</b>	<u><a href="#">P61204</a></u> , <u><a href="#">A0A024R0Y6</a></u>
<b>RefSeq Size:</b>	3556



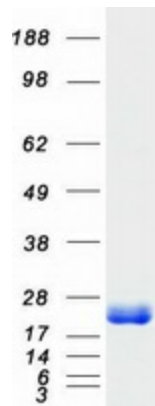
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Cytogenetics: 12q13.12

RefSeq ORF: 543

**Summary:** ADP-ribosylation factor 3 (ARF3) is a member of the human 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) and members of each class share a common gene organization. The ARF3 gene contains five exons and four introns. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ARF3 protein (Cat# [TP306192]). The protein was produced from HEK293T cells transfected with ARF3 cDNA clone (Cat# [RC206192]) using MegaTran 2.0 (Cat# [TT210002]).