

Product datasheet for **TP301363M**

ARF5 (NM_001662) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ADP-ribosylation factor 5 (ARF5), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201363 protein sequence
Red=Cloning site **Green**=Tags(s)

MGLTVSALFSRIFGKKQMRILMVGLDAAGKTTILYKLLKLGIVTTIPTIGFNVETVEYKNICFTVWDVGG
QDKIRPLWRHYFQNTQGLIFVDSNDRERVQESADELQKMLQEDELDAVLLVFANKQDMPNAMPVSELT
DKLGLQHLSRTWYVQATCATQGTGLYDGLDWLSHELKSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 20.3 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_001653](#)

Locus ID: 381

UniProt ID: [P84085](#), [A4D0Z3](#)

RefSeq Size: 1096



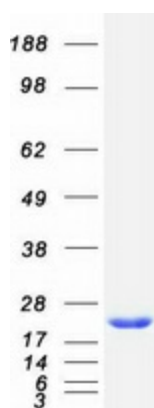
[View online »](#)

Cytogenetics: 7q32.1

RefSeq ORF: 540

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:



Coomassie blue staining of purified ARF5 protein (Cat# [TP301363]). The protein was produced from HEK293T cells transfected with ARF5 cDNA clone (Cat# [RC201363]) using MegaTran 2.0 (Cat# [TT210002]).