

## Product datasheet for **TP308413M**

### **C11ORF46 (ARL14EP) (NM\_152316) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 11 open reading frame 46 (C11orf46), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208413 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MMDPCSVGVQLRRTTNECHKTYTRHTGFKTLQELSSNDMLLLQLRTGMTLSGNNTICFHHVKIYIDRFED LQKSCDPFNIHKKLAKKNLHVIDLDDATFLSAKFGRLVPGWKLCPKCTQIINGSVDVDTEDRQKRKPE SDGRTAKALRSLQFTNPGRQTEFAPETGKREKRRLTKNATAGSDRQVIPAKSKVYDSQGLLIFSGMDLDCD CLDEDCLGCFYACPACGSTKCGAECRCRDKWLYEQIEIEGGEEIHNKHAG  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	29.2 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:	<a href="#">NP_689529</a>
Locus ID:	120534
UniProt ID:	<a href="#">Q8N8R7</a>

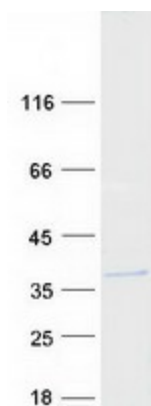


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RefSeq Size:	2395
Cytogenetics:	11p14.1
RefSeq ORF:	780
Synonyms:	ARF7EP; C11orf46; dj299F11.1

**Summary:** The protein encoded by this gene is an effector protein. It interacts with ADP-ribosylation factor-like 14 [ARL14, also known as ADP-ribosylation factor 7 (ARF7)], beta-actin (ACTB) and actin-based motor protein myosin 1E (MYO1E). ARL14 is a small GTPase; it controls the export of major histocompatibility class II molecules by connecting to the actin network via this effector protein. [provided by RefSeq, Sep 2014]

### Product images:



Coomassie blue staining of purified ARL14EP protein (Cat# [TP308413]). The protein was produced from HEK293T cells transfected with ARL14EP cDNA clone (Cat# [RC208413]) using MegaTran 2.0 (Cat# [TT210002]).