

## Product datasheet for **TP500585**

### Arfrp1 (BC046782) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ADP-ribosylation factor related protein 1 (cDNA clone MGC:61235 IMAGE:5720540), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200585 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MYTLLSGLYKYMFKDEYICILILGLDNAGKTTFLEQSKTRFNKNYKGMSSLSKITTTVGLNIGTVDVGKAR LMFWDLGGQEELQSLWDKYAECHGVYVIDSTDEERLSESKEAFDLPLHS
	<b>TR</b> TRPLE <b>Q</b> KLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	13.9 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	76688
UniProt ID:	<a href="#">Q8BXL7</a>
RefSeq Size:	2343
Cytogenetics:	2 H4
RefSeq ORF:	363



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**Synonyms:** MGC6837

**Summary:** The gene encodes a membrane-associated GTPase that is related to the ADP-ribosylation factor (ARF) and ARF-like (ARL) genes. It plays an essential role in Golgi function controlling recruitment of GRIP domain proteins and ARL1 to the trans-Golgi and trans-Golgi to plasma membrane trafficking of cell surface proteins such as E-cadherin. Deletion of this gene in mice leads to embryonic lethality during early gastrulation, which is at least partly caused by the disruption of E-cadherin trafficking to the cell surface and therefore lack of sufficient cell-cell adhesion in the embryo. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]