

Product datasheet for **TP501000**

Aif1 (NM_019467) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse allograft inflammatory factor 1 (Aif1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201000 protein sequence Red =Cloning site Green =Tags(s)
	MSQSRDLQGGKAFGLLKAQQEERLEGINKQFLDDPKYSNDEDLPSKLEAFKVKYMEFDLNGNGDIDIMSL KRMLEKLGVPKTHLELKRLIREVSSGSEETFSYSDFLRMMLGKRSAILRMILMYEKNKEHKRPTGPPAK KAISELP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	16.9 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.
RefSeq:	NP_062340
Locus ID:	11629
UniProt ID:	O70200 , Q4FJL9
RefSeq Size:	875
Cytogenetics:	17 18.59 cM



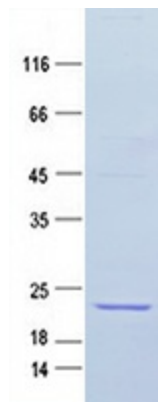
[View online »](#)

RefSeq ORF: 444

Synonyms: AI607846; AIF-1; D17H6S50E; G1; Iba1

Summary: Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Aif1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.