

Recombinant Mouse Aif1 Protein, MYC/DDK-tagged

Cat. No. Aif1-558M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse allograft inflammatory factor 1 (Aif1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	16.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Aif1 allograft inflammatory factor 1 [Mus musculus (house mouse)]
Official Symbol	Aif1
Synonyms	Aif1; allograft inflammatory factor 1; G1; Iba1; AIF-1; AI607846; D17H6S50E; allograft inflammatory factor 1; ionized calcium binding adapter molecule 1; testis specific
Gene ID	11629
mRNA Refseq	NM_019467
Protein Refseq	NP_062340
UniProt ID	O70200

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