

Product datasheet for TP303154M

Iba1 (AIF1) (NM_032955) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human allograft inflammatory factor 1 (AIF1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203154 representing NM_032955 Red=Cloning site Green=Tags(s)

MEFDLNGNGDIDIMSLKRMLEKLGVPKTHLELKKLIGEVSSGSGETFSYPDFLRMMLGKRSAILKMILMY
EEKAREKEKPTGPPAKKAISELP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	10.3 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_116573
Locus ID:	199
UniProt ID:	P55008 , I3WTX1
RefSeq Size:	503



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Cytogenetics: 6p21.33

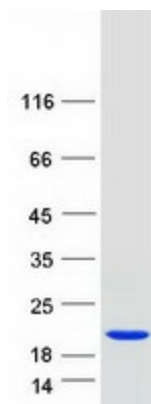
RefSeq ORF: 279

Synonyms: AIF-1; IBA1; IRT-1; IRT1

Summary: This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified AIF1 protein (Cat# [TP303154]). The protein was produced from HEK293T cells transfected with AIF1 cDNA clone (Cat# [RC203154]) using MegaTran 2.0 (Cat# [TT210002]).