Product datasheet for PH303154

Iba1 (AIF1) (NM_032955) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AIF1 MS Standard C13 and N15-labeled recombinant protein (NP_116573)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203154
Predicted MW:	10.5 kDa
Protein Sequence:	>RC203154 representing NM_032955 Red=Cloning site Green=Tags(s) MEFDLNGNGDIDIMSLKRMLEKLGVPKTHLELKKLIGEVSSGSGETFSYPDFLRMMLGKRSAILKMILMY EEKAREKEKPTGPPAKKAISELP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116573
RefSeq Size:	503
RefSeq ORF:	279
Synonyms:	AIF-1; IBA1; IRT-1; IRT1
Locus ID:	199
UniProt ID:	P55008, I3WTX1
Cytogenetics:	6p21.33

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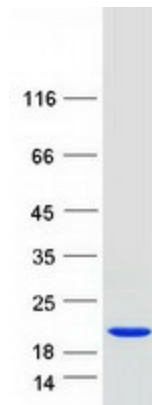**ORIGENE**

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]).