

Allograft Inflammatory Factor 1 Human Recombinant

Item Number	rAP-0302
Synonyms	AIF-1, Allograft inflammatory factor 1, Em:AF129756.17, G1, IBA1, Ionized calcium-binding adapter molecule 1, IRT-1, Protein G1, AIF1.
Description	The AIF1 Human Recombinant contains a total of 155 amino acids having a molecular Mass of 17.7kDa. The Human AIF1 is fused to a 9 amino acid long N-terminal His tag.
Uniprot Accession Number	P55008
Amino Acid Sequence	MKHHHHHHASQTRDLQGGKAF­GLLKAQQEERLDE­INKQFLDDPKYSSDED­LPSKLEGFK EKYMEF­DLNGNGDIDIMSLKRMLEK­LGVPKTHLELKKLI­GEVSSGSGETFSYP­DFLR MMLGKRSAIL­KMILMYEEKAREKEK­PTGPPAKKAISELP.
Source	E. Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. For long term, store lyophilized AIF1 at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. The lyophilized protein remains stable for 24 months when stored at -20°C.
Formulation and Purity	Filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5. Greater than 90% as determined by SDS PAGE.
Application	
Solubility	Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**