

Recombinant Human Allograft Inflammatory Factor 1/AIF1 Protein(C-6His)

Cat.NO.: TP05389

3th Edition

Synonyms:Allograft Inflammatory Factor 1; AIF-1; Ionized Calcium-Binding Adapter Molecule 1; Protein G1; AIF1; G1; IBA1

Description:Allograft Inflammatory Factor 1 (AIF1) contains two EF-hand domains and exists as a homodimer. AIF1 can be detected in T-lymphocytes and peripheral blood mononuclear cells. AIF1 functions as actin-binding protein that enhances membrane ruffling and RAC activation and can enhance the actin-bundling activity of LCP1. In addition, AIF1 plays a role in RAC signaling and in phagocytosis and may also in macrophage activation and function. AIF1 promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes and plays a role in vascular inflammation.

Form:PBS

Molecular Weight:17.7 kDa

Sequences:Ser2-Pro147

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.