Recombinant Human AIF1L protein, His-tagged

Cat. No. AIF1L-3444H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AIF1L(1-150aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-150 a.a.
Description	AIF1L, also known as allograft inflammatory factor 1-like, is a cytoplasmic, cytokine-induced, calcium-binding protein first discovered in rat cardiac allografts with chronic rejection. This protein is a marker of human microglia and is expressed by macrophages in injured skeletal muscle and regulates reduced proliferation and differentiation of satellite cells.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT
Molecular Mass	19.2 kDa (170aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSHSLKRMMEKLG VPKTHLEMKK MISEVTGGVS DTISYRDFVN MMLGKRSAVL KLVMMFEGKA NESSPKPVGP PPERDIASLP MSGELSNRFQ GGKAFGLLKA RQERRLAEIN REFLCDQKYS DEENLPEKLT AFKEKYMEFD LNNEGEIDLM
Purity	>95% by SDS - PAGE

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Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by BCA assay)

GENE INFORMATION

Gene Name	AIF1L allograft inflammatory factor 1-like [Homo sapiens]
Official Symbol	AIF1L
Synonyms	AIF1L; allograft inflammatory factor 1-like; C9orf58, chromosome 9 open reading frame 58; FLJ12783; IBA2; ionized calcium binding adapter molecule 2; ionized calcium-binding adapter molecule 2; C9orf58; MGC29466;
Gene ID	83543
mRNA Refseq	NM_031426
Protein Refseq	NP_113614
MIM	
UniProt ID	Q9BQI0
Chromosome Location	9q34.13-q34.3
Function	actin filament binding; calcium ion binding;

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