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Recombinant human AIF1L protein

Catalog Number: ATGP0879

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-150aa

UniProt No.

09B0I0

NCBI Accession No.

NP 113614

Alternative Names

Allograft inflammatory factor 1-like isoform 1, C9orf58, FLJ12783, IBA2, MGC29466

PRODUCT SPECIFICATION

Molecular Weight

19.2 kDa (170aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human AIF1L protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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Amino acid Sequence

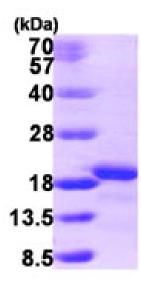
MGSSHHHHHH SSGLVPRGSH MSGELSNRFQ GGKAFGLLKA RQERRLAEIN REFLCDQKYS DEENLPEKLT AFKEKYMEFD LNNEGEIDLM SLKRMMEKLG VPKTHLEMKK MISEVTGGVS DTISYRDFVN MMLGKRSAVL KLVMMFEGKA NESSPKPVGP PPERDIASLP

General References

utans u, et al. (1995). J. Clin. Invest., 95: 2954-2962 Deininger M.H., et al. (2000). Acta Neuropathol., 100: 673-680

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

