Recombinant Rat Aif1 protein, His-SUMO-tagged

Cat. No. Aif1-2498R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Aif1 protein(P55009)(2-147aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	2-147aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	32.7 kDa
AA Sequence	SQSKDLQGGKAFGLLKAQQEERLDGINKHFLDDPKYSSDEDLQSKLEAFKTKYMEF DLNGNGDIDIMSLKRMLEKLGVPKTHLELKKLIREVSSGSEETFSYSDFLRMMLGKR SAILRMILMYEEKNKEHQKPTGPPAKKAISELP
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Aif1 allograft inflammatory factor 1 [Rattus norvegicus]
Official Symbol	Aif1
Synonyms	AIF1; allograft inflammatory factor 1; protein BART-1; AIF-1; microglia response factor; balloon angioplasty responsive transcript; ionized calcium binding adapter molecule 1; ionized calcium-binding adapter molecule 1; balloon angioplasty-responsive transcript 1; iba1; Bart1; mrf-1;
Gene ID	29427
mRNA Refseq	NM_017196
Protein Refseq	NP_058892

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