

Recombinant Human AIFM1 protein, His-SUMO-tagged

Cat. No. AIFM1-2499H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human AIFM1 protein(O95831)(103-612aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength 103-612aa

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 71.6 kDa

AA Sequence

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GLTPEQKQKKAALSASEGEEVPQDKAPSHVPFLIIGGGTAAFAAARSIRARDPGARV
LIVSEDPPELPMRPPLSKELWFSDDPNVTKTLRFKQWNGKERSIYFQPPSFYVSAQD
LPHIENGGVAVLTGKKVVQLDVRDNMVKLNDGSQITYEKLIATGGTPRSLAIDRA
GAEVKSRTTLFRKIGDFRSLEKISREVKSITIIGGGFLGSELACALGRKARALGTEVIQL
FPEKGNMGKILPEYLSNWTMEKVRREGVKVMPNAIVQSVGVSSGKLLIKLDGRKV
ETDHIVA AVGLEPNVELAKTGGLEIDSDFGGFRVNAELQARSNIWVAGDAACFYDIKL
GRRRVEHHDHAVVSGRLAGENMTGAAKPYWHQSMFWSDLGPDVGYEAIGLVDSS
LPTVGVFAKATAQDNPKSATEQSGTGIRSESETESEASEITIPPSTPAVPQAPVQGE
DYGKGVIFYLRDKVVVGVIVLWNIFNRMPIARKIIKDGEQHEDLNEVAKLFNIHE
    
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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.
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	AIFM1 apoptosis-inducing factor, mitochondrion-associated, 1 [Homo sapiens]
Official Symbol	AIFM1
Synonyms	AIFM1; apoptosis-inducing factor, mitochondrion-associated, 1; PDCD8, programmed cell death 8 (apoptosis inducing factor); apoptosis-inducing factor 1, mitochondrial; AIF; striatal apoptosis-inducing factor; programmed cell death 8 (apoptosis-inducing factor); PDCD8; COXPD6; MGC111425;
Gene ID	9131
mRNA Refseq	NM_001130846
Protein Refseq	NP_001124318
MIM	300169
UniProt ID	O95831

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