

Recombinant Human AIF protein, GST-tagged

Cat. No. AIF-30128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AIF (259-609 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr259-Asp609
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	TPRSLSAIDRAGAEVKSRTTLFRKIGDFRSLEKISREVKSITIIGGGFLGSELACALGRK ARALGTEVIQLFPEKGNMGKILPEYLSNWTMEKVRREGVKVMPNAIVQSVGVSSGK LLIKLKDGRKVVTDHIVAAGLEPNVELAKTGGLEIDSDFGGFRVNAELQARSNIWVA GDAACFYDIKLGRRRVEHHDHAVVSGRLAGENMTGAAKPYWHQSMFWSDLGPDV GYEAGLVDSLSPTVGVFATAQDNPKSATEQSGTGIRSESETESEASEITIPPSTP AVPQAPVQGEDYGKGVIFYLRDKVVVGIVLWNIFNRMPIARKIIKDGEQHEDLNEVAK LFNIHED
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Short-term storage: Store at 2-8°C for (1-2 weeks).
 Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [AIFM1 apoptosis inducing factor mitochondria associated 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [AIF](#)

Synonyms AIFM1; AIF; AUNX1; CMT2D; CMTX4; COWCK; DFNX5; NADMR; NAMSD; PDCD8; COXPD6; SEMDHL

Gene ID [9131](#)

mRNA Refseq [NM_001130846](#)

Protein Refseq [NP_001124318](#)

MIM [300169](#)

UniProt ID [O95831](#)

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