

Recombinant Human APAF1 protein, His-B2M-tagged

Cat. No. APAF1-018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APAF1 protein(O14727)(104-415aa), fused with N-terminal 6xHis tag and B2M tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	104-415aa
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	52.4 kDa
AA Sequence	SGITSYVRTVLCEGGVPQRPVVFVTRKKLVNAIQKLSKLGEPGWVTIHGMAGCG KSVLA AEAVRDHSLLEGCFPGGVHVVSVGKQDKSGLLMKLQNLCTRLDQDESFSQ RLPLNIEEAKDRLRILMLRKHPRSLILDDVWDSWVLKAFDSQCQILLTTRDKSVTDS VMGPKYVVPVESSLGKEKGLEILSLFVNMMKKADLPEQAHSIIKECKGSPLVVSLIGALL RDFPNRWEYYLKQLQNKQFKRIRKSSSYDYEALDEAMSISVEMLREDIKDYYTDLSIL QKDVKVPTKVLCLWDMETEEVEDIL
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated

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freeze-thaw cycles.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

GENE INFORMATION

Gene Name [APAF1 apoptotic peptidase activating factor 1 \[Homo sapiens \]](#)

Official Symbol [APAF1](#)

Synonyms

APAF1; apoptotic peptidase activating factor 1; apoptotic peptidase activating factor , apoptotic protease activating factor; apoptotic protease-activating factor 1; APAF 1; CED4; APAF-1; DKFZp781B1145;

Gene ID [317](#)

mRNA Refseq [NM_001160](#)

Protein Refseq [NP_001151](#)

MIM [602233](#)

UniProt ID [O14727](#)

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