

Recombinant Human APAF1 Protein (104-415 aa), His-tagged

Cat. No. APAF1-1329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APAF1 Protein (104-415 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	104-415 aa
Description	Oligomeric Apaf-1 mediates the cytochrome c-dependent autocatalytic activation of pro-caspase-9 (Apaf-3), leading to the activation of caspase-3 and apoptosis. This activation requires ATP. Isoform 6 is less effective in inducing apoptosis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	37.4 kDa
AA Sequence	SGITSYVRTVLCEGGVPQRPVVFVTRKKLVNAIQKLSKLKGEPGWVTIHGMAGCG KSVLA AEAVRDHSLLEGCFPGGVHWSVGKQDKSGLLMKLQNLCTRLDQDESFSQ RLPLNIEEAKDRLRILMLRKHPRSLILDDVWDSWVLKAFDSQCQILLTTRDKSVTDS VMGPKYVVPVESSLGKEKGLEILSLFVNMKKADLPEQAHSIIKECKGSPLVVSLIGALL RDFPNRWEYYLKQLQNKQFKRIRKSSSYDYALDEAMSISVEMLREDIKDYYTDLSIL QKDVKVPTKVLCLWDMETEEVEDIL

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

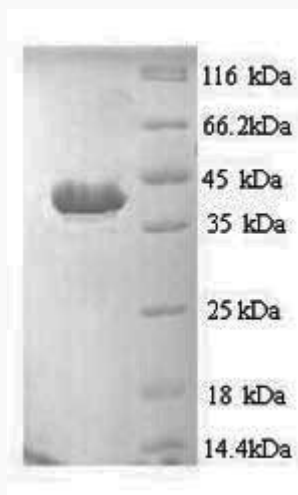
GENE INFORMATION

Gene Name	APAF1 apoptotic peptidase activating factor 1 [Homo sapiens]
Official Symbol	APAF1
Synonyms	APAF1; 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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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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