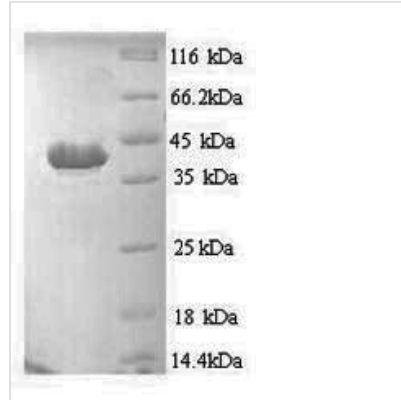




Recombinant Human Apoptotic protease-activating factor 1 (APAF1), partial

Product Code	CSB-YP001885HU
Relevance	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.
Abbreviation	Recombinant Human APAF1 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O14727
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SGITSYVRTVLCEGGVQRPVVFVTRKKLVNAIQQKLSKLGEPGWVTIHGMA GCGKSVLAAEAVRDHSLLEGCFPGGVHVVSVGKQDKSGLLMKLNLCCTRLD QDESFSQRLPLNIEEAKDRLRILMLRKHPRSLILDDVWDSWVLKAFDSQCQIL LTTRDKSVTDSVMGPKYVVPVESSLGKEKGLEILSLFVNMKKADLPEQAHSIIK ECKGSPLVVSIGALLRDFPNRWEYYLKQLQNKQFKRIRKSSSYDYALDEAM SISVEMLREDIKDYITDLSILQKDVKVPTKVLCLWDMETEEVEDIL
Research Area	Cancer
Source	Yeast
Target Names	APAF1
Protein Names	Recommended name: Apoptotic protease-activating factor 1 Short name= APAF-1
Expression Region	104-415aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	37.4kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.