

Recombinant Rat Apoptotic Peptidase Activating Factor 1, His-tagged

Cat. No. Apaf1-2062R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat full-length Apaf-1 produced in <i>E. coli</i> fused with a C-terminal His-tag.
Species	Rat
Source	<i>E. coli</i>
Description	Apoptotic protease activating factor 1, also known as APAF1, is a human homolog of <i>C. elegans</i> CED-4 gene. APAF-1 and CED-4 homologs were found in all currently sequenced animal genomes.
Source/Host	<i>E. coli</i> .
Purity	~95% (SDS-PAGE).
Formulation	Liquid. In 20mM TRIS-HCl, pH 8.5.
Concentration	0.25mg/ml.
Short Term Storage	-20°C.
Long Term Storage	-80°C.
Use/Stability	Stability at -20°C: 1-2 weeks.

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Handling Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name Apaf1 apoptotic peptidase activating factor 1 [Rattus norvegicus]

Synonyms apoptotic peptidase activating factor 1; Apaf1; apoptotic protease-activating factor 1; apaf-1

Gene ID 78963

mRNA Refseq NM_023979

Protein Refseq NP_076469

UniProt ID Q9EPV5

Chromosome Location 7q13

Pathway Alzheimer"s disease; Amyotrophic lateral sclerosis (ALS); Apoptosis; Huntington"s disease; Parkinson"s disease; Small cell lung cancer; p53 signaling pathway

Function apoptotic protease activator activity; ATP binding; identical protein binding; nucleotide binding; peptidase activity; protein binding

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