Recombinant Human AEN Protein (117-325 aa), His-SUMO-tagged

Cat. No. AEN-1066H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AEN Protein (117-325 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	117-325 aa
Description	Exonuclease with activity against single- and double-stranded DNA and RNA. Mediates p53-induced apoptosis. When induced by p53 following DNA damage, digests double-stranded DNA to form single-stranded DNA and amplifies DNA damage signals, leading to enhancent of apoptosis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.1 kDa
AA Sequence	MVGTGPRGRVSELARCSIVSYHGNVLYDKYIRPEMPIADYRTRWSGITRQHMRKAV PFQVAQKEILKLLKGKVVVGHALHNDFQALKYVHPRSQTRDTTYVPNFLSEPGLHTR ARVSLKDLALQLLHKKIQVGQHGHSSVEDATTAMELYRLVEVQWEQQEARSLWTCP EDREPDSSTDMEQYMEDQYWPDDLAHGSRGGAREAQDRRN

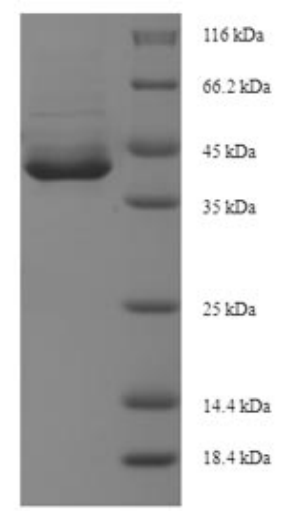
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	AEN apoptosis enhancing nuclease [Homo sapiens]
Official Symbol	AEN
Synonyms	AEN; FLJ12484; FLJ12562; ISG20L1; pp12744;
Gene ID	64782
mRNA Refseq	NM_022767
Protein Refseq	NP_073604
MIM	610177
UniProt ID	Q8WTP8

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

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