

Product datasheet for **TP302285**

Apoptosis enhancing nuclease (AEN) (NM_022767) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human apoptosis enhancing nuclease (AEN), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202285 protein sequence
Red=Cloning site **Green**=Tags(s)

MVPREAPESAQCLCPSLTIPNAKDVLKRKRHRRSRQHQRFFMARKALLQEQGLLSMPPEPGSSPLPTPFGA
ATATEAASSGKQCLRAGSGSAPCSRRPAPGKASGPLPSKCVDAIDCEMVGTPRGRVSELARCSIVSYHGD
VLYDKYIRPEMPIADYRTRWSGITRQHMRKAVPFQVAQKEILKLLKGVVGHALHNDQALKYVHPRSQ
TRDTTYVPNFLSEPLHTRARVSLKDLALQLLHKKIQVGQHGSSVEDATTAMELYRLVEVQWEQEQARS
LWTCPEDREPDSSTDMEQYMEDQYWPDDLHAGSRGGAREAQDRRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 36.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_073604](#)

Locus ID: 64782



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UniProt ID:	Q8WTP8
RefSeq Size:	3134
Cytogenetics:	15q26.1
RefSeq ORF:	975
Synonyms:	ISG20L1; pp12744
Summary:	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 enhancement of apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified AEN protein (Cat# TP302285). The protein was produced from HEK293T cells transfected with AEN cDNA clone (Cat# [RC202285]) using MegaTran 2.0 (Cat# [TT210002]).