

## Product datasheet for **TP302285L**

### Apoptosis enhancing nuclease (AEN) (NM\_022767) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human apoptosis enhancing nuclease (AEN), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202285 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVPREAPESAQCLCPSLTIPNAKDVLKRKRHRRSRQHQRFFMARKALLQEQGLLSMPPEPGSSPLPTPFGA  
ATATEAASSGKQCLRAGSGSAPCSRRPAPGKASGPLPSKCVDAIDCEMVGTPRGRVSELARCSIVSYHGD  
VLYDKYIRPEMPIADYRTRWGSITRQHMRKAVPFQVAQKEILKLLKGVVGHALHNDQALKYVHPRSQ  
TRDTTYVPNLFSEPLHTRARVSLKDLALQLLHKKIQVGQHGSSVEDATTAMELYRLVEVQWEQEQEARS  
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:	<a href="#">NP_073604</a>
Locus ID:	64782



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UniProt ID:	<a href="#">Q8WTP8</a>
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]).