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Product datasheet for TP504998

Aen (NM_026531) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse apoptosis enhancing nuclease (Aen), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204998 protein sequence Red=Cloning site Green=Tags(s) MVAGEVPESTQCPSLTSLNTKDVVRRRHKRRSRQHQRFMARKALLQEQELLSTAPGPGLCLLPSPSQMPA VTEASDSRRQRPKARSGSNGLCSKKSVPREAPRPGPIKCVAIDCEMVGTGPQGRVSELARCSVVSYSGDV LYDKYIRPEMPIVDYRTRWSGITRQHMHKAIPFQVAQKEILKLLKGKVVVGHALHNDFQALKYVHPRSQT RDTTYVPNLLSQPSSLIRTRVSLKDLALNLLHKKIQVGHQGHSSVEDAMTAMELYQLVEVQWEQQVASSA QAPAEDRGPDSSTDVEQYMDDQYWPEDLTQSTGAETNGGPDRQEGEEGQGARSAPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.3 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
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 after receiving vials.
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_080807
Locus ID:	68048
UniProt ID:	Q9CZI9

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RefSeq Size:	2580
Cytogenetics:	7 D2
RefSeq ORF:	1011
Synonyms:	2700083B06Rik; Isg20l1
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 (By similarity).[UniProtKB/Swiss-Prot Function]