

Product datasheet for TP510864

Elac2 (NM_023479) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse elac ribonuclease Z 2 (Elac2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210864 protein sequence Red=Cloning site Green=Tags(s)

MWALRSLLRPLGLRTMSQGSARRPRPSKDPLRHLRTREKRGPGGGPNTVYLQVVAAGGRDAGAALYVFS
EYNRYLFNCGEGVQRLMQEHKLVARLDNIFLTRMHWSNVGGLCGMILTLETGLPKCVLSGPPQLEKYL
EAIKIFSGPLKGIELAVRPHSAPEYKDETMVYQVPIHSERRCGKQSQSPRTSPNRLSPKQSSDSGSA
ENGQCPPEDSSAGANRKAWRDPSLVAVFVCKLHLRKGNFVLKAKELGLPVGTAIIPIIAAVKDGKSI
TYEGREIAAEELCTPPDPGLVFIWVECPDEGFILPICENDTFKRYQAEADAPVALVWHIAPESVLIDSR
QQWMERFGPDTQHLILNENCPVHNLRSKIQTLQLIHPDIFPQLTSFYSKEEGSTLSVPTVRGECLLK
YQLRPKREWQRDTTLDLDCNTDEFIAEALPSFQESVEEYRKNVQENPAPAERKSQYPEIVFLGTGSAIPM
KIRNVSTLVNLSPKSVLLDCGEGTFGQLCRHYGQQIDRVLCSLTAVFVSHLHADHHTGLLNILLQREH
ALASLGKPFQPLLWAPTQLRAWLQYHNHCQEILHHVSMIPAKCLQKGAEVSNTTLERLISLLETCDL
EEFQTCLVRHCKHAFGCALVHSSGWKVVYSGDTPMCEALVQMGKDATLLIHEATLEDGLEEEAVEKTHST
TSQAINVGMRMNAEFIMLNHFSQRYAKIPLFSPDFNEKVGIAFDHMKVCFGDFPTVPKLIPPLKALFAGD
IEEMVERREKRELRLVRAALLTQQADSPEDREPQQKRAHTDEPHSPQSKKESVANTLGARV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	92.7 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.



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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_075968
Locus ID:	68626
UniProt ID:	Q80Y81 , Q3U0M8
RefSeq Size:	2781
Cytogenetics:	11 40.42 cM
RefSeq ORF:	2496
Synonyms:	1110017O07Rik; D11Wsu80e; Hpc2
Summary:	Zinc phosphodiesterase, which displays mitochondrial tRNA 3'-processing endonuclease activity. Involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA (By similarity).[UniProtKB/Swiss-Prot Function]