Product datasheet for TP505553

Elac1 (NM_053255) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse elaC ribonuclease Z 1 (Elac1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205553 representing NM_053255 Red=Cloning site Green=Tags(s) MSMDVTFLGTGAAYPSPTRGASAVVLRCEGECWLFDCGEGTQTQLMKSQLKAGRITKIFITHLHGDHFFG LPGLLCTISLQSGSVVARQPIEIYGPVGLRDFIWRTMELSHTELVFPYVVHELVPTADQCPVEELREFAH MDETDSSPKGQGRTILLDAEENSYCLVDDEQFVVKAFRLFHRIPSFGFSVVEKKRAGKLNAQKLRDLGVP PGPAYGKLKNGISVVLDNGVTISPQDVLKKPMVGRKVCILGDCSGVVGDGGVKLCFEADLLIHEATLDDS QMDKAREHGHSTPQMAAAFAKLCRAKRLVLTHFSQRYKPTALAREGEADGIAELRKQAEAVLELQEVTLA EDFMVIGIPIKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.7 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_444485
Locus ID:	114615
UniProt ID:	Q8VEB6
RefSeq Size:	4971
Cytogenetics:	18 E2
RefSeq ORF:	1086
Synonyms:	2610018O07Rik; 8430417G19Rik
Summary:	Zinc phosphodiesterase, which displays some tRNA 3'-processing endonuclease activity. Probably involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA (By similarity).[UniProtKB/Swiss-Prot Function]