

Product datasheet for TP501021

Lage3 (NM_025410) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse L antigen family, member 3 (Lage3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201021 protein sequence Red =Cloning site Green =Tags(s) MQTAHTGLSHTADGADGQTSRCCPGNAGTKAVIPSGAHPVGRALEASRNPSKRIVPLTQRPGSRHHRFA L FVPFPTSLEAEIACGSLVPDVEPHRGLVGKELKVS GCMLEVRWISED S RLLRLSIINFLDQLSLVNTIQ LFGPPVSC TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	15.9 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_079686
Locus ID:	66192
UniProt ID:	Q9CR70
RefSeq Size:	760


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Cytogenetics:	X A7.3
RefSeq ORF:	444
Synonyms:	1110049G11Rik; Eso3; Itba2
Summary:	<p>Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in tRNAs that read codons beginning with adenine. The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. LAGE3 functions as a dimerization module for the complex.[UniProtKB/Swiss-Prot Function]</p>