

Product datasheet for TP504619

Npl (NM_028749) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-acetylneuraminase pyruvate lyase (Npl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204619 protein sequence Red =Cloning site Green =Tags(s)
	 MAFPKKKLRGLVAATITPMTENGEINFPVIGQYVDYLVEQGVKNIFVNGTTGEGLSLSVSERRQVAEEW VNQGRNKLDQVVIHVGALNVKESQELAQHAAEIGADGIAVIAPFFFKSQNKDALISFLREVAAAAPTLPF YYYHMPSMTGVKIRAEELLDGIQDKIPTFQGLKFTDLDLDFGQCVDQNHQRQFALLFGVDEQLLSALVM GATGAVGSTYNYLGKKTNQMLEAFEQKDLASALSYQFRIQRFINYVIKLGFGVSQTKAIMTLVSGIPMGP PRLPLQKATQEFTAKAEAKLKSFLSSPSVKEGKPLASA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	35.1 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_083025
Locus ID:	74091
UniProt ID:	Q9DCJ9



[View online »](#)

RefSeq Size: 1403

Cytogenetics: 1 G3

RefSeq ORF: 963

Synonyms: 0610033B02Rik

Summary: Catalyzes the cleavage of N-acetylneuraminic acid (sialic acid) to form pyruvate and N-acetylmannosamine via a Schiff base intermediate. It prevents sialic acids from being recycled and returning to the cell surface. Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway.[UniProtKB/Swiss-Prot Function]