

Product datasheet for TP504679

Kynu (BC026950) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kynureninase (L-kynurenine hydrolase) (cDNA clone MGC:30315 IMAGE:5136970), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204679 protein sequence Red=Cloning site Green=Tags(s)
	MEPSPLELPVDAVRRIAAELNCDPTDERVALRLDEEDKLSHFRNCFYIPKMRDLPSIDLVLSEDDDAIY FLGNSLGLQPKMVRTYLEEELDKWAKMGAYGHVVGKRPWIVGDESIVSLMKDIVGAHEKEIALMNALTIN LHLLLLSFFKPTPKRHKILLEAKAFPSDHYAIESQIQLHGLDVEKSMRMVVKPREGEETLRMEDILEVIEE EGDSIAVILFSGLHFYTGQLFNIPAITKAGHAKGCFVGFDLAHAVGNVELRLHDWGVDFACWCSYKYLNS GAGGLAGAFVHEKHAHTVKPAMDDLQCDIKLKGNLFAYGQRRK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.4 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.
Locus ID:	70789
UniProt ID:	Q9CXF0
RefSeq Size:	2800



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Cytogenetics: 2 B

RefSeq ORF: 969

Synonyms: 4432411A05Rik

Summary: Catalyzes the cleavage of L-kynurenine (L-Kyn) and L-3-hydroxykynurenine (L-3OHKyn) into anthranilic acid (AA) and 3-hydroxyanthranilic acid (3-OHAA), respectively. Has a preference for the L-3-hydroxy form. Also has cysteine-conjugate-beta-lyase activity.[UniProtKB/Swiss-Prot Function]