

## Product datasheet for TP503750

### Entpd6 (BC038126) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ectonucleoside triphosphate diphosphohydrolase 6 (cDNA clone MGC:47939 IMAGE:1348160), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203750 protein sequence Red=Cloning site Green=Tags(s)
	MRKIPNHGTLRMTKVAYPLGLCVGLFIYVAYIKWHRASAAQAFFTIAGAASGARWTQQAFSSPGSAARGH EVFYGIMFDAGSTGTRIHVFQFARPPGETPTLHETFKALKPGLSAYADDVEKSAQGIQELLNVAKQHIP YDFWKATPLVLKATAGLRLLPGEKAQKLLQKVKEVFKASPFLVGDDCVSIMNGTDEGVSAWITVNFLTGS LKTPGSSSVGMLDLGGGSTQITFLPRVEGTLQASPPGHLTALQMFNRTRYKLYSYRWWCSRLAPPTDAS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	30.1 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.
Locus ID:	12497
UniProt ID:	<a href="#">Q3U0P5</a>
RefSeq Size:	1200



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**Cytogenetics:** 2 G3

**RefSeq ORF:** 834

**Synonyms:** 2700026H11Rik; Cd39l2; NTPDase-6

**Summary:** Catalyzes the hydrolysis of nucleoside triphosphates and diphosphates in a calcium- or magnesium-dependent manner. Has a strong preference for nucleoside diphosphates, preferentially hydrolyzes GDP, IDP, and UDP, with slower hydrolysis of CDP, ITP, GTP, CTP, ADP, and UTP and virtually no hydrolysis of ATP. The membrane bound form might support glycosylation reactions in the Golgi apparatus and, when released from cells, might catalyze the hydrolysis of extracellular nucleotides.[UniProtKB/Swiss-Prot Function]