Active Recombinant Mouse Entpd6 Protein, His-tagged

Cat. No. Entpd6-002M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CD39L2, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in testis adult (RPKM 27.5), genital fat pad adult (RPKM 15.1) and 28 other tissues.
Form	Liquid
Bio-activity	Specific activity is > 80,000 pmol/min/μg, and is defined as the amount of enzyme that hydrolyze GDP per minute at pH 7.5 at 25 centigrade.
Molecular Mass	47.3 kDa
AA Sequence	KWHRASAAQAFFTIAGAASGARWTQQAFSSPGSAARGHEVFYGIMFDAGSTGTRIH VFQFARPPGETPTLTHETFKALKPGLSAYADDVEKSAQGIQELLNVAKQHIPYDFWK ATPLVLKATAGLRLLPGEKAQKLLQKVKEVFKASPFLVGDDCVSIMNGTDEGVSAWI TVNFLTGSLKTPGSSSVGMLDLGGGSTQITFLPRVEGTLQASPPGHLTALQMFNRTY KLYSYSYLGLGLMSARLAILGGVEGKPAENDKELVSPCLSPRFRGEWEHAEVTYRIS GQKAVGLYELCASRVSEVLRNKVHRTEEAQHVDFYAFSYYYDLAASFGLIDAEKGG SLVVGDFEIAAKYVCRTLETQPPSSPFACMDLTYISLLLHEFGFPGDKVLKLARKIDN VETSWALGAIFHYIDSLKRQKVPAL

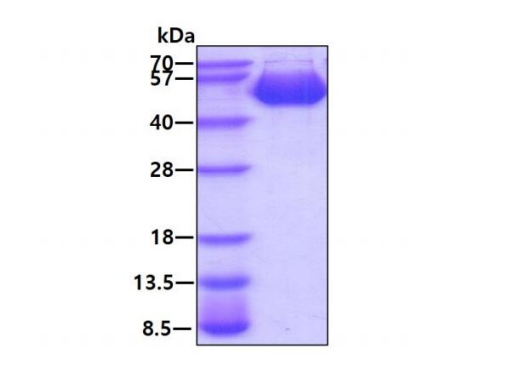
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Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Enzyme Activity
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -81 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

GENE INFORMATION

Gene Name	Entpd6 ectonucleoside triphosphate diphosphohydrolase 6 [Mus musculus (house mouse)]
Official Symbol	Entpd6
Synonyms	Entpd6; ectonucleoside triphosphate diphosphohydrolase 6; Cd39l; NTPDa; Cd39l2; NTPDase-6; 2700026H11Rik; ectonucleoside triphosphate diphosphohydrolase 6; CD39 antigen-like 2; EC 3.6.1.6
Gene ID	12497
mRNA Refseq	NM_172117
Protein Refseq	NP_742115
UniProt ID	Q3U0P5

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SDS-PAGE	 3 μg by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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