

Recombinant Rat Entpd1 protein, His & GST-tagged

Cat. No. Entpd1-1519R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Entpd1 aa. (Leu213~Thr452) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu213~Thr452
Form	Freeze-dried powder
Molecular Mass	57kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

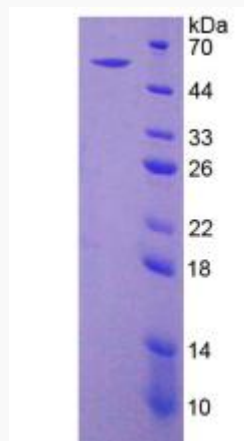
Gene Name	Entpd1 ectonucleoside triphosphate diphosphohydrolase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Entpd1
Synonyms	NTPDase-1; ATPDase; NTPDase 1; ecto-ATP diphosphohydrolase 1; ecto-ATPDase 1; ecto-ATPase 1; ecto-apyrase; lymphoid cell activation antigen; ectonucleoside triphosphate diphosphohydrolase 1
Gene ID	64519
mRNA Refseq	NM_022587.2
Protein Refseq	NP_072109.2
UniProt ID	F1M0G3

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SDS-PAGE



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