

Recombinant Mouse Entpd5, His tagged

Cat. No. ENTPD5-551M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Entpd5 (Q9WUZ9) (Thr19-Ser427), fused with a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	19-427 a.a.
Predicted N Terminal	Thr 19
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse ENTPD5 consists of 419 amino acids and has a calculated molecular mass of 46.6 kDa. The recombinant protein migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Entpd5 ectonucleoside triphosphate diphosphohydrolase 5 [Mus musculus]

Official Symbol

Entpd5

Gene ID

12499

mRNA Refseq

NM_001026214

Protein Refseq

NP_001021385

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