Active Recombinant Mouse Dpp7 protein, His-tagged

Cat. No. Dpp7-781M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dpp7 protein(Q9ET221)(Met1-Arg506), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg506
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Lys-Pro-AMC(KP-AMC).The specific activity is > 20,000 pmoles/min/μg.
Molecular Mass	The recombinant mouse DPP7 consists of 484 amino acids and predicts a molecular mass of 53.7 KDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmDPP7 is approximately 65 KDa as a result of glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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	Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Dpp7 dipeptidylpeptidase 7 [Mus musculus]
Official Symbol	Dpp7
Synonyms	DPP7; dipeptidylpeptidase 7; dipeptidyl peptidase 2; DPP II; dipeptidyl-peptidase 2; dipeptidyl peptidase II; dipeptidyl-peptidase II; dipeptidyl aminopeptidase II; quiescent cell proline dipeptidase; QPP; Dpp2; DPPII;
Gene ID	83768
mRNA Refseq	NM_031843
Protein Refseq	NP_114031

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