

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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA