

## Active Recombinant Mouse DPP4 protein, His-tagged

Cat. No. Dpp4-415M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse DPP4 protein(Ser 29 - His 760), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	29-760 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 150 mM NaCl, pH8.0. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate, Gly-Pro-7-amido-4-methylcoumarin (GP-AMC). The specific activity is >4500 pmol/min/µg.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 86.4 kDa. The protein migrates as 110-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser29-His760
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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** [Dpp4 dipeptidylpeptidase 4 \[ Mus musculus \]](#)

**Official Symbol** [DPP4](#)

**Synonyms** DPP4; dipeptidylpeptidase 4; dipeptidyl peptidase 4; DPP IV; dipeptidyl peptidase IV; thymocyte-activating molecule; T-cell activation antigen CD26; Cd26; THAM; Dpp-4;

**Gene ID** [13482](#)

**mRNA Refseq** [NM\\_001159543](#)

**Protein Refseq** [NP\\_001153015](#)

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