

Recombinant Mouse Dpp4 protein, His-tagged

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

PRODUCT INFORMATION

Product Overview	Recombinant Mouse Dpp4(Ser29-His760) fused with His tag at C-terminal was expressed in HEK293.
Source	HEK293
Species	Mouse
Tag	His
Predicted N Terminal	Ser 29
Form	Lyophilized from sterile PBS, pH 7.4. 1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. 2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant mouse Dpp4 consists 743 amino acids and predicts a molecular mass of 85.9 kDa.
Protein length	Ser29-His760
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

PACKAGING

Stability	Samples are stable for up to twelve months from date of receipt at -70 °C
Storage	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	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

ANTIGEN 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;
GeneID	13482
mRNA Refseq	NM_010074
Protein Refseq	NP_034204
UniProt ID	P28843

Chromosome Location 2 35.85 cM; 2 C2-D

Pathway Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Regulation of Insulin Secretion, organism-specific biosystem; Synthesis, Secretion, and Inactivation of Glucagon-like Peptide-1 (GLP-1), organism-specific biosystem;

Function aminopeptidase activity; collagen binding; dipeptidyl-peptidase activity; hydrolase activity; peptidase activity; peptide binding; protease binding; protein homodimerization activity; receptor activity; receptor binding; serine-type endopeptidase activity; serine-type peptidase activity;