

Dipeptidyl Peptidase 9 Recombinant Protein | DPP9 recombinant protein

Recombinant Dipeptidyl Peptidase 9 (DPP9)

CATALOG # AAA144210	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Dipeptidyl Peptidase 9; Recombinant Dipeptidyl Peptidase 9 (DPP9); DPP9 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and GST-tag. Its sequence is listed below. VNEQTKL VYFQGTKDTP LEHLYVVSYS ESAGEIVRLT TLGFSHSCSM SQSFDMFVSH YSSVSTPPCV HVYKLSGPDD DPLHKQPRFW ASMMEAANCP PDYVPPEIFH FHTRADVQLY GMIYKPHLTQ PGRKHPTVLF VYGGPQVQLV NNSFKGIKYL RLNTLASLGY AVVIDGRGS CQRGLHFEGA LKNQMGQVEI EDQVEGLQYV AEKYGFIDLS RVAIHGWSYG GFLSLMGLIH KPQVFKVAIA GAPVTVMAY DTGYTERYMD VPENNQQGYE AGSVALHVEK LPNEPNRLLI LHGFLDENVH FFHTNFLVSQ LIRAGKPYQL QIYPNERHSI RCRESGEHYE VTLLHFLQEH L
Sequence Length	892
Applicable Applications for DPP9 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	70.7kDa
Accurate Molecular Mass (KD)	71kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Mus musculus (Mouse)
Fragment	Val505-Leu862
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394146
NCBI GeneID	91039
NCBI Accession #	NP_631898.3
NCBI GenBank Nucleotide #	NM_139159.4
Molecular Weight	95,013 Da
NCBI Official Full Name	dipeptidyl peptidase 9
NCBI Official Synonym Full Names	dipeptidyl-peptidase 9
NCBI Official Symbol	DPP9
NCBI Official Synonym Symbols	DP9; DPLP9; DPRP2; DPRP-2
NCBI Protein Information	dipeptidyl peptidase 9
UniProt Protein Name	Dipeptidyl peptidase 9
UniProt Gene Name	DPP9
UniProt Synonym Gene Names	DPRP2; DP9; DPRP-2; DPP IX; DPLP9
UniProt Entry Name	DPP9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.