

Recombinant Rat Dpp4 protein, His-tagged

Cat. No. Dpp4-7875R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dpp4 aa. (Ser638~Arg767 (Accession # P14740)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser638~Arg767
Form	Freeze-dried powder
Molecular Mass	16 kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Dpp4 dipeptidylpeptidase 4 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Dpp4
Synonyms	CD26; DPPIV; DPP IV; GP110 glycoprotein; T-cell activation antigen CD26; bile canaliculus domain-specific membrane glycoprotein; dipeptidyl peptidase IV; dipeptidyl peptidase 4
Gene ID	25253
mRNA Refseq	NM_012789.1
Protein Refseq	NP_036921.1
UniProt ID	P14740

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