Recombinant Human DPP8 protein, His-tagged

Cat. No. DPP8-1063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPP8 aa. (Met1~Gln199 fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Gln199
Description	This gene encodes a member of the peptidase S9B family, a small family of dipeptidyl peptidases that are able to cleave peptide substrates at a prolyl bond. The encoded protein shares similarity with dipeptidyl peptidase IV in that it is ubiquitously expressed, and hydrolyzes the same substrates. These similarities suggest that, like dipeptidyl peptidase IV, this protein may play a role in T-cell activation and immune function. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>98%

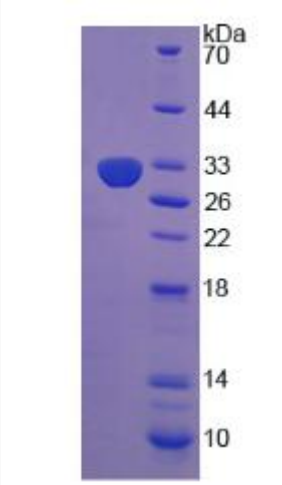
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Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	DPP8 dipeptidyl peptidase 8 [Homo sapiens (human)]
Official Symbol	DPP8
Synonyms	DPP8; dipeptidyl peptidase 8; DP8; DPRP1; DPRP-1; MST097; MSTP097; MSTP135; MSTP141; DPP VIII; dipeptidyl peptidase IV-related protein 1; dipeptidyl peptidase VIII; prolyl dipeptidase DPP8
Gene ID	54878

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mRNA Refseq	NM_001320875.1
Protein Refseq	NP_001307804.1
UniProt ID	Q6V1X1
SDS-PAGE	

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