

Recombinant Human Dipeptidyl-Peptidase 8, GST-tagged

Cat. No. DPP8-516H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPP8 (full length) was expressed in a <i>Baculovirus infected Sf9 cell</i> /expression system with N-terminal GST tag. MW=129.3 kDa.
Species	Human
Source	Sf9 Cells
Description	Dipeptidyl peptidase 8 is an enzyme that in humans is encoded by the DPP8 gene. 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.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 50% glycerol, and 3 mM DTT.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Purity	> 70%.
Stability	>6 months at -80°C.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	DPP8 dipeptidyl-peptidase 8 [Homo sapiens]
Synonyms	dipeptidyl-peptidase 8; DP8; DPRP1; MSTP141; FLJ14920; FLJ20283; MGC26191; DPP8; dipeptidylpeptidase 8; prolyl dipeptidase DPP8; dipeptidyl peptidase VIII; dipeptidyl peptidase IV-related protein-1; DPRP-1; EC 3.4.14.5; Dipeptidyl peptidase IV-related protein 1; Dipeptidyl peptidase VIII; Prolyl dipeptidase DPP8
Gene ID	54878
mRNA Refseq	NM_017743
Protein Refseq	NP_060213
MIM	606819
UniProt ID	Q6V1X1
Chromosome Location	15q22
Function	aminopeptidase activity; serine-type peptidase activity; peptidase activity; dipeptidyl-peptidase activity