

DPP8 (Human) Recombinant Protein (P01)

Catalog # : H00054878-P01

規格 : [10 ug] [25 ug]

[List All](#)

Specification

Product Description: Human DPP8 full-length ORF (NP_932064.1, 1 a.a. - 898 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
 MWKRSEQMKIKSGKCNMAAAMETEQLGVEIFETADCEENIESQDRPKLE
 PFYVERYWSWSQLKLLADTRKYHGYMMAKAPHDFMFVVRNDPDGPHSD
 RIYYLAMSGENRENTLFYSEIPKTINRAAVLMLSWKPLDLFQATLDYGM
 SREEELLRERKRIGTVGIASYDYHQSGTFLFQAGSGIYHVKDGGPQGF
 TQQPLRPNLVETSCPNI RMDPKLCPADPDWIAFIHSNDIWISNIVTREERR
 TYVHNELANMEEDARSAGVATFVLQEEFDRYSGYWWCPKAETTPSGG
 KILRILYEENDESEVEIHHVTSPMLETRRADSFYRYPKTGTANPKVTFKMSEI
 MDAEGRIDVIDKELIQPFELFEGVEYIARAGWTPEGKYAWSILLDRSQT
 RLQVILISPELFI PVEDDVMERQRLIESVPDSVTPLIYEETTDIWINIHDFHV
 FPQSHEEEIEFIFASECKTGFRHLYKIT SILKESKYKRSSGGLPAPSDFKCP
 IKEEIAITSGEWEVLGRHGSNIQVDEVRRLLVYFEGTKDSPLEHLLYVVS
 YVNPGEVTRLDRGYSHSCCISQHCDF FISKYSNQKNPHCVSLYKLSPEDD
 PTCKTKEFWATILDSAGPLPDYTPPEIFSFESTTGFTLYGMLYKPHDLQP
 GKKYPTVLFYGGPQVQLVNNRFKGVKYFRLNLTASLGYVVVIDNRGSC
 HRGLKFEGAFKYMKGQIEIDDQVEGLQYLASRYDFIDLDRVGIHGWSYG
 GYLSLMALMQRSDIFRVAIAGAPVTLWIFYDTGYTERYMGHPDQNEQGY
 YLGSVAMQAEKFPSEPNRLLLLHGFLDENVHFAHTSILLSFLVRAGKPYD
 LQIYPQERHSIRVPESGEHYELHLLHYLQENLGSRIAALKVI

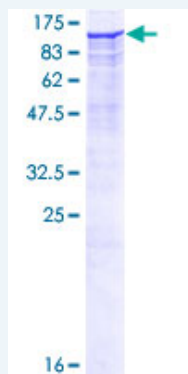
Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 129.8

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Quality Control Testing: 12.5% SDS-PAGE Stained with Coomassie Blue.



Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note: Best use within three months from the date of receipt of this protein.

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Gene Information

Entrez GeneID: [54878](#)

GeneBank Accession#: [NM_197960.2](#)

Protein Accession#: [NP_932064.1](#)

Gene Name: DPP8

Gene Alias: DP8,DPRP1,FLJ14920,FLJ20283,MGC26191,MSTP141

Gene Description: dipeptidyl-peptidase 8

Omim ID: [606819](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: dipeptidyl peptidase 8,dipeptidyl peptidase IV-related protein-1,dipeptidyl peptidase VIII,dipeptidylpeptidase 8,prolyl dipeptidase DPP8