

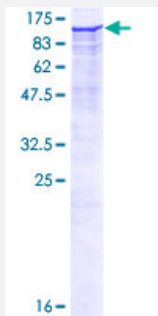
Full-Length

## DPP8 (Human) Recombinant Protein (P01)

Catalog # H00054878-P01

Size 10 ug, 25 ug

### Applications



### 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

MWKRSEQMKIKSGKCNMAAAMETEQLGVEIFETADCEENIESQDRPKLEPFYVERYSWSQLKKL  
LADTRKYHGYMMAKAPHDFMFVKNRNDPDGPHSDRIYLLAMSGENRENTLFYSEIPKTINRAAVLML  
SWKPLLDLFQATLDYGMYSREEELLRERKRIGTVGIASYDYHQSGTFLFQAGSGIMHVKDGGPQ  
GFTQQPLRPNLVETSCPNIRMDPKLCPADPDWIAFIHSNDWISNIVTREERLTYVHNELANMEED  
ARSAGVATFVLQEEFDRYSGYWWCPKAETTPSGGKILRILYEENDESEVEIIHVTSPMLETRRADS  
FRYPKTGTANPKVTFKMSEIMIDAEGRIIDVIDKELIQPFELFEGVEYIARAGWTPEGKYAWSILLDR  
SQTRLQIVLISPELFIPVEDDVMERQRLIESVPDSVTPLIYEETDWINIHDIFHVFPQSHEEEIEFIFA  
SECKTGFRHLYKITSILKESKYKRSSGGLPAPSDFKCPIKEEIAITSGEWEVLGRHGSNIQVDEVRR  
LVYFEGTKDSPLEHHLVVSYNPGEVTRLTDRGYSHSCCISQHCDFDISKYSNQKNPHCVSLYKL  
SSPEDDPTCKTKEFWATILDSAGPLPDYTPPEIFSFEFTTGFTLYGMLYKPHDLQPGKKYPTVLFY  
GGPQVQLVNNRFKGVKYFRLNLTASLGYVVVIDNRGSGHRGLKFEGAFKYKMGQIEIDDQVEGL  
QYLASRYDFIDLDRVGIHGWSYGGYLSLMALMQRSDIFRVAIAGAPVTLWIFYDTGYTERYMGHPDQ  
NEQGYLGSVAMQAEKFPSEPNRLLLLHGFLDENVHFAHTSILLSFLVRAGKPYDLQYPQERHSIR  
VPESGEHYELHLLHYLQENLGSRIAALKVI

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

129.8

#### Interspecies Antigen Sequence

Mouse (95)

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Preparation Method      | <a href="#">in vitro wheat germ expression system</a>                    |
| 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.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — DPP8

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Entrez GeneID       | <a href="#">54878</a>                             |
| GeneBank Accession# | <a href="#">NM_197960.2</a>                       |
| Protein Accession#  | <a href="#">NP_932064.1</a>                       |
| Gene Name           | DPP8                                              |
| Gene Alias          | DP8, DPRP1, FLJ14920, FLJ20283, MGC26191, MSTP141 |
| Gene Description    | dipeptidyl-peptidase 8                            |
| Omim ID             | <a href="#">606819</a>                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                         |

**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|dipeptidyl peptidase 8|prolyl dipeptidase DPP8