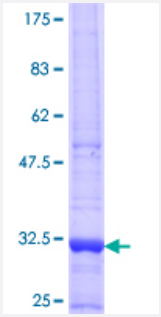
DPP8 (Human) Recombinant Protein (Q01)

Catalog # H00054878-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DPP8 partial ORF (NP_932065.1, 161 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IGTVGIASYDYHQGSGTFLFQAGSGIYHVKDGGPQGFTQQPLRPNLVETSCPNIRMDPKLCPADPD WIAFIHSNDIWISNIVTR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.98
Interspecies Antigen Sequence	Mouse (95)
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.

Applications

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

Gene Info — DPP8

Entrez GeneID	54878
GeneBank Accession#	NM_197961
Protein Accession#	NP_932065.1
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 peptidase s that are able to cleave peptide substrates at a prolyl bond. The encoded protein shares similarit y with dipeptidyl peptidase IV in that it is ubiquitously expressed, and hydrolyzes the same substra tes. These similarities suggest that, like dipeptidyl peptidase IV, this protein may play a role in T-c ell activation and immune function. Alternatively spliced transcript variants encoding different isofo rms have been described. [provided by RefSeq
Other Designations	dipeptidyl peptidase 8|dipeptidyl peptidase IV-related protein-1|dipeptidyl peptidase VIII|dipeptidy lpeptidase 8|prolyl dipeptidase DPP8