

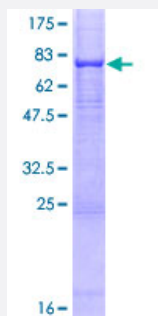
Full-Length

DPP7 (Human) Recombinant Protein (P01)

Catalog # H00029952-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DPP7 full-length ORF (AAH16961.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGSAPWAPVLLLALGLRGLQAGARRAPDPGFQERFFQQRLDHFNFERFGNKTFPQRFLVSDRF
WVRGEGPIFFYTGNEDVWAFANNSGFVAELAAERGALLVFAEHRYYGKSLPFGAQSTQRGHTE
LLTVEQALADFAELLRALRRDLGAQDAPAIAGGSYGGMLSAYLRMKYPHLVAGALAASAPVLAV
AGLGDSNQFFRDVTADFEGQSPKCTQGVREAFRQIKDLFLQGAYDTRWEFGTCQPLSDEKDL
TQLFMFARNAFTVLAMMDYPYPTDFLGPLPANPVKVGCDRLLSEAQRITGLRALAGLVYNASGSE
HCYDIYRLYHSCADPTGCGTGPDARAWDYQACTEINLTFASNNVTDMFPDLPFTDELQRQYCLDT
WGVWPRPDWLLTSFWGGDLRAASNIIFSNGNLDPWAGGGIRRNLASVIAVTIQGGAHHLDLRAS
HPEDPASVVEARKLEATIIGEWVKAARREQQPALRGGPRLSL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.7

Interspecies Antigen Sequence

Mouse (80); Rat (80)

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 — DPP7

Entrez GeneID	29952
GeneBank Accession#	BC016961.1
Protein Accession#	AAH16961.1
Gene Name	DPP7
Gene Alias	DPP2, DPPII, QPP
Gene Description	dipeptidyl-peptidase 7
Omim ID	610537
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH. [provided by RefSeq]
Other Designations	OTTHUMP00000022680 carboxytripeptidase dipeptidyl aminopeptidase II dipeptidyl arylamidase II dipeptidyl peptidase 7 dipeptidyl-peptidase II