

Recombinant Full Length Human DPP7 Protein, GST-tagged

Cat. No. DPP7-4129HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPP7 full-length ORF (AAH16961.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	492 amino acids
Description	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, Jul 2008]
Molecular Mass	80.7 kDa
AA Sequence	MGSAPWAPVLLLALGLRGLQAGARRAPDPGFQERFFQQRLDHFNFERFGNKTFFPQ RFLVSDRFWVRGEGPIFFYTGNEGDVWAFANNSGFVAELAAERGALLVFAEHRYYG KSLPFGAQSTQRGHTELLTVEQALADFAELLRALRRDLGAQDAPAIAFGGSYGGML SAYLRMKYPHLVAGALAASAPVLAVAGLGDSNQFFRDVTADFEGQSPKCTQGVRE AFRQIKDLFLQGAYDTRWEFGTCQPLSDEKDLTQLFMFARNAFTVLAMMDYPYPT DFLGPLPANPVKVGCDRLLSEAQRITGLRALAGLVYNASGSEHCYDIYRLYHSCADP TGCGTGPDARAWDYQACTEINLTFASNNVTDMFPDLPFTDELQRQYCLDTWGWVP

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RPDWLLTSFWGGDLRAASNIIFSNGNLDPWAGGGIRRNLSSASVIAVTIQGGAHHLDL
RASHPEDPASVVEARKLEATIIGEWVKAARREQQPALRGGPRLSL

Applications

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

Notes

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

DPP7 dipeptidyl-peptidase 7 [Homo sapiens]

Official Symbol

DPP7

Synonyms

DPP7; dipeptidyl-peptidase 7; dipeptidylpeptidase 7; dipeptidyl peptidase 2; DPPII;
DPP II; carboxytripeptidase; dipeptidyl peptidase II; dipeptidyl-peptidase II; dipeptidyl
arylamidase II; dipeptidyl aminopeptidase II; quiescent cell proline dipeptidase; QPP;
DPP2;

Gene ID

29952

mRNA Refseq

NM_013379

Protein Refseq

NP_037511

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MIM	610537
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UniProt ID	Q9UHL4
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