

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	MGSAPWAPVLLLALGLRGLQAGARRAPDPGFQERFFQQLDHFNFERFGNKTFPQ RFLVSDRFWVRGEGPIFFYTGNEGDVWAFANNSGFVAELAAERGALLVFAEHRYYG KSLPFGAQSTQRGHTTELLTVEQALADFAELLRALRRDLGAQDAPAIAFGGSYGGML SAYLRMKYPHLVAGALAASAPVLAVAGLGDSNQFFRDVTADFEGQSPKCTQGVRE AFRQIKDLFLQGAYDTRWVWFGTCQPLSDEKDLTQLFMFARNAFTVLAMMDYPYPT DFLGPLPANPVKVGCDRLLSEAQRITGLRALAGLVYNASGSEHCYDIYRLYHSCADP TGCGTGPDARAWDYQACTEINLTFASNNTDMFPDLPFTDELQRQRYCLDTWGVWP

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RPDWLLTSFWGGDLRAASNIIFSNGNLDPWAGGGIRRNLSSASVIAVTIQGGAAHLLDL
RASPEDPASVVEARKLEATIIGEWVKAARREQQPALRGGPRLSL

Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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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