

Recombinant Human DPP7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPP7-5840H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPP7 MS Standard C13 and N15-labeled recombinant protein (NP_037511) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	54.3 kDa
AA Sequence	MGSAPWAPVLLLALGLRGLQAGARRAPDPGFQERFFQQRLDHFNFERFGNKTFPQ RFLVSDRFWVRGEGPIFFYTGNEGDVWAFANNSGFVAELAAERGALLVFAEHRYYG KSLPFGAQSTQRGHTELLTVEQALADFAELLRALRRDLGAQDAPAIAFGGSYGGML SAYLRMKYPHLVAGALAASAPVLAVAGLGDSNQFFRDVTADFEGQSPKCTQGVRE AFRQIKDLFLQGAYDTRWEFGTCQPLSDEKDLTQLFMFARNAFTVLAMMDYPYPT DFLGPLPANPVKVGCDRLLSEAQRITGLRALAGLVYNASGSEHCYDIYRLYHSCADP TGCGTGPDARAWDYQACTEINLTFASNNVTDMFPDLPFTDELQRQRYCLDTWGVWP RPDWLLTSFWGGDLRAASNIIIFSNGNLDPWAGGGIRRNLSSASVIAVTIQGGAHHLDL

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	RASHPEDPASVVEARKLEATIIGEWVKAARREQQPALRGGPRLSLTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DPP7 dipeptidyl-peptidase 7 [Homo sapiens (human)]
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

UniProt ID Q9UHL4

SDS-PAGE



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