

Recombinant Human DPP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPP3-6457H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPP3 MS Standard C13 and N15-labeled recombinant protein (NP_569710) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	82.6 kDa
AA Sequence	MADTQYILPNDIGVSSLDCEAFRLLSPTERLYAYHLSRAAWYGGLAVLLQTSPEAP YIYALLSRLFRAQDPDQLRQHALLAEGLTEEEYQAFVLYAAGVYSNMGNYSFGDTK FVPNLPKEKLERVILGSEAAQQHPPEVRGLWQTCGELMFSLEPRLRHLGLGKEGITT YFSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKPYEVRLASVLGSEPSL DSEVTSKLKSYEFRGSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQYI ESFTQGSIEAHKRGSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAM SAKFERLVASAEQLLKELPWPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDL

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RQTEGFKNVSLGNVLAVAYATQREKLTFLIEDDKDLYILWKGPSFDVQVGLHELLGH
 GSGKLFVQDEKGAFNFDQETVINPETGEQIQSWYRSGETWDSKFSTIASSYEECRA
 ESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNVMVRAGLLALEFYTPEAFNWRQAH
 MQARFVILRVLLEAGEGLVTITPTTGSDGRPDARVRLDRSKIRSVGKPALERFLRRLQ
 VLKSTGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKESRKLIVQPNTRELGSD
 VQLLEYEASAAGLIRSFSEFPEDGPELEEEILTQLATADARFWKGPSEAPSGQATRT
 RPLEQKLISEEDLAANDILDYKDDDDKV

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 DPP3 dipeptidyl-peptidase 3 [Homo sapiens (human)]

Official Symbol DPP3

Synonyms DPP3; dipeptidyl-peptidase 3; dipeptidylpeptidase 3, dipeptidylpeptidase III; dipeptidyl peptidase 3; DPP III; dipeptidyl peptidase III; dipeptidyl arylamidase III; dipeptidyl aminopeptidase III; DPPIII; FLJ11387; FLJ22331;

Gene ID 10072

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mRNA Refseq [NM_130443](#)

Protein Refseq [NP_569710](#)

MIM [606818](#)

UniProt ID [Q9NY33](#)

SDS-PAGE



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