

Recombinant Full Length Human DPP3 Protein, Flag-tagged

Cat. No. DPP3-14HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DPP3 Protein, Flag-tagged, expressed in HEK293T.
Species	Human
Source	HEK293T
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.
Source	HEK293T
Species	Human
Tag	Flag
Molecular Mass	82.4 kDa
AA Sequence	MADTQYILPNDIGVSSLDCREAFRLLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAP YIYALLSRLFRAQ DPDQLRQHALAEGLTEEEYQAFLVYAAGVYSNMGNYKSFGDTKFVPNLPKEKLERV ILGSEAAQQHPPEEV

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RGLWQTCGELMFSLEPRLRHLGLGKEGITYFSGNCTMEDAKLAQDFLDSQNL SAY
 NTRLFKEVDGEGKP
 YYEVR LASVLGSEPSLDSEVTSKLSYEFRGSPFQVTRGDYAPILQKVVEQLEKAKA
 YAANSHQGQMLAQ
 YIESFTQGSIEAHKRGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKA
 MSAKFERLVASA
 EQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDL RQTEGFKNVS
 LGNVLAVAYATQ
 REKLT FLEEDDKDLYILWKGPSFDVQVGLHELLGHGSGKLFVQDEKGAFNFDQETVI
 NPETGEQIQSWYR
 SGETWDSKFSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLMV
 RAGLLALEFYTPE
 AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGSDGRPDARVRLDRSKIRSVGKPA
 LERFLRRLQVLKS
 TGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKESRKLIVQPNT RLEGSDVQLL
 EYEASAAGLIRSF
 SERFPEDGPELEEILTQLATADARFWKGPSEAPSGQA
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80°C.

Concentration >0.05 µg/µL as determined by microplate BCA method

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Storage Buffer 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

GENE INFORMATION

Gene Name DPP3 dipeptidyl peptidase 3 [Homo sapiens (human)]

Official Symbol DPP3

Synonyms Dipeptidyl aminopeptidase III; Dipeptidyl arylamidase III; dipeptidyl peptidase 3; Dipeptidyl peptidase III; dipeptidylpeptidase 3; dipeptidyl-peptidase 3; dipeptidylpeptidase III; DPP III; DPP3; DPPIII; EC 3.4.14.4; FLJ11387; FLJ22331

Gene ID 10072

mRNA Refseq NM_130443

Protein Refseq NP_569710

MIM 606818

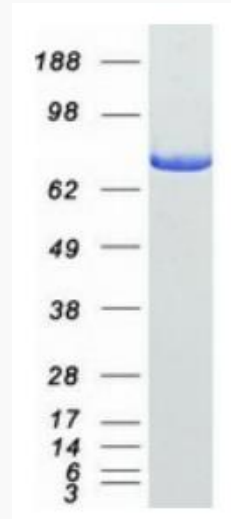
UniProt ID Q9NY33

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Coomassie blue staining of purified DPP3 protein. The protein was produced from HEK293T cells transfected with DPP3 cDNA clone.



SDS-PAGE

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