

Recombinant Full Length Human DPP3 Protein, Flag-tagged

Cat. No. DPP3-15HFL 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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RGLWQTCGELMFSLEPRLRHLGLGKEGITYFSGNCTMEDAKLAQDFLDSQNLISAY
NTRLFKEVDGEGKP
YYEVRLASVLGSEPSLDSEVTSKLSYEFGRGSPFQVTRGDYAPILQKVVEQLEKAKA
YAANSHQGQMLAQ
YIESFTQGSIEAHKRGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKA
MSAKFERLVASA
EQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDLQTEGFKNVS
LGNVLAVAYATQ
REKLTFLLEDDKDLIYLWKGPSFDVQVGLHELLGHGSGKLFVQDEKGAFNFDQETVI
NPETGEQIQSWYR
SGETWDSKFSSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLMNV
RAGLLALEFYTPE
AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGSDGRPDARVRLDRSKIRSVGKPA
LERFLRRLQVLKS
TGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKE SRKLIVQPNTRELGSDVQLL
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_005700

Protein Refseq NP_005691

MIM 606818

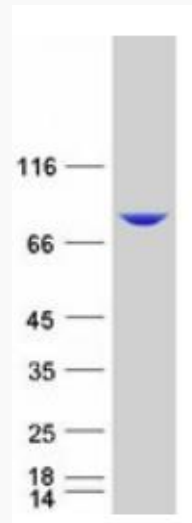
UniProt ID Q9NY33

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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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