

Product datasheet for TP319658M

DPP3 (NM_005700) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dipeptidyl-peptidase 3 (DPP3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219658 representing NM_005700 Red=Cloning site Green=Tags(s)

MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAPYIYALLSRLFRAQ
DPDQLRQHALLAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTKFVFNLPKEKLERVILGSEAAQQHPPEEV
RGLWQTCGELMFSLEPRLRHLGLGKEGITYFSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKP
YYEVRLASVLGSEPSLDSEVTSKLSYEFGRSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQ
YIESFTQGSIEAHKGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVKNKAMSAKFERLVASA
EQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDLQTEGFKNVSLGNVLAVAYATQ
REKLTFLIEDDKDLYILWKGPSFDVQVGLHELLGHGSGKLFVQDEKGAFNFDQETVINPETGEQIQSWYR
SGETWDSKFSSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNWVRAGLLALEFYTPE
AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGS DGRPDARVRLDRSKIRSVGKPALERFLRRLQVLKS
TGDVAGGRALYEGYATVTDAPPECFLTRDPTVLLRKESRKLIVQPNTRLEGSDVQLLEYEASAAGLIRSF
SERFPEDGPELEEILTQLATADARFWKGPSEAPSGQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	82.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



[View online »](#)

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

RefSeq: [NP_005691](#)

Locus ID: 10072

UniProt ID: [Q9NY33](#)

RefSeq Size: 2684

Cytogenetics: 11q13.2

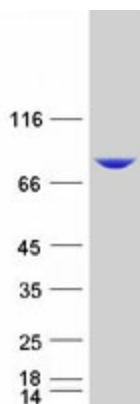
RefSeq ORF: 2211

Synonyms: DPPIII

Summary: 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. [provided by RefSeq, Feb 2012]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified DPP3 protein (Cat# [TP319658]). The protein was produced from HEK293T cells transfected with DPP3 cDNA clone (Cat# [RC219658]) using MegaTran 2.0 (Cat# [TT210002]).