

Product datasheet for TP303406L

DPP3 (NM_130443) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dipeptidyl-peptidase 3 (DPP3), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203406 protein sequence Red =Cloning site Green =Tags(s)

MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAPYIYALLSRLFRAQ
DPDQLRQHALLAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTKFPNLPKEKLERVILGSEAAQQHPPEEV
RGLWQTCGELMFSLEPRLRHLGLGKEGITYFSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKP
YYEVRLASVLGSEPSLDSEVTSKLSYEFRGSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQ
YIESFTQGSIEAHKGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAMSAKFERLVASA
EQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDLQTEGFKNVSLGNVLAVAYATQ
REKLTFLIEDDKDLYILWKGPSFDVQVGLHELLGHGSGKLFVQDEKGAFNFDQETVINPETGEQIQSWYR
SGETWDSKFSSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNVMVRAGLLALEFYTPE
AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGS DGRPDARVRLDRSKIRSVGKPALERFLRRLQVLKS
TGDVAGGRALYEGYATVTDAPPECFLTRDTPVLLRKESRKLIVQPNTRLEGSDVQLLEYEASAAGLIRSF
SERFPEDGPELEEILTQLATADARFWKGPSEAPSGQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

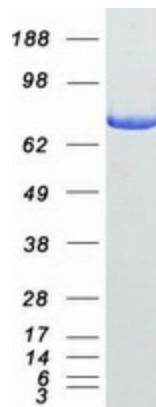
Tag:	C-Myc/DDK
Predicted MW:	82.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_569710
Locus ID:	10072
UniProt ID:	Q9NY33 , Q5JPB8
RefSeq Size:	3101
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# [TP303406]). The protein was produced from HEK293T cells transfected with DPP3 cDNA clone (Cat# [RC203406]) using MegaTran 2.0 (Cat# [TT210002]).