

Product datasheet for PH319658

DPP3 (NM_005700) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DPP3 MS Standard C13 and N15-labeled recombinant protein (NP_005691)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219658
Predicted MW:	82.4 kDa
Protein Sequence:	>RC219658 representing NM_005700 Red=Cloning site Green=Tags(s)

MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAPYIYALLSRLFRAQ
DPDQLRQHALLAEGLTEEEYQAFVYAAAGVYSNMGNYSFGDTKFPNLPKEKLERVILGSEAAQQHPPEEV
RGLWQTCGELMFLEPRLRHLGLGKEGITYFSGNCTMEDAKLAQDFLDSQNL SAYNTRLFKEVDGEGKP
YYEVRLASVLGSEPSLDSEVTSKLSYEFGRSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQ
YIESFTQGSIEAHKGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAMSAKFERLVASA
EQLLKELPWPPTFEKDKFLTPDF TSLDVLTFAGSGIPAGINIPNYDDLQTEGFKNVSLGNVLAVAYATQ
REKLTFLLEDDKDYILWKGPSFDVQVGLHELLGHGSGKLFVQDEKGFNFDQETVINPETGEQIQSWYR
SGETWDSKFSSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNMMVRAGLLALEFYTPE
AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGSDDGRPDARVRLDRSKIRSVGKPALEFLRRLQVLKS
TGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKESRKLIVQPNTRLGSDVQLLEYEASAAGLIRSF
SERFPEDGPELEEILTQLATADARFWKGPSEAPSGQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005691</u>



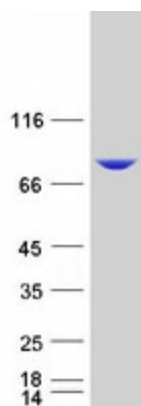
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RefSeq Size:	2684
RefSeq ORF:	2211
Synonyms:	DPPIII
Locus ID:	10072
UniProt ID:	Q9NY33
Cytogenetics:	11q13.2

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]).