

## Product datasheet for **TP319658L**

### DPP3 (NM\_005700) Human Recombinant Protein

#### Product data:

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

MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAPYIYALLSRLFRAQ  
DPDQLRQHALLAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTKFPNLPKEKLERVILGSEAAQQHPPEEV  
RGLWQTCGELMFSLEPRLRHLGLGKEGITTIFYSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKP  
YYEVRLASVLGSEPSLDSEVTSKLSYEFGRSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQ  
YIESFTQGSIEAHKGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVKNKAMSAKFERLVASA  
EQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDLQTEGFKNVSLGNVLAVAYATQ  
REKLTFLIEDDKDLYILWKGPSFDVQVGLHELLGHGSGKLFVQDEKGAFNFDQETVINPETGEQIQSWYR  
SGETWDSKSFSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNWVRAGLLALEFYTPE  
AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGS DGRPDARVRLDRSKIRSVGKPALERFLRRLQVLKS  
TGDVAGGRALYEGYATVTDAPPECFLTRDTPVLLRKEKRKLVQPNTRLEGSDVQLLEYEASAAGLIRSF  
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\\_005691](#)

**Locus ID:** 10072

**UniProt ID:** [Q9NY33](#)

**RefSeq Size:** 2684

**Cytogenetics:** 11q13.2

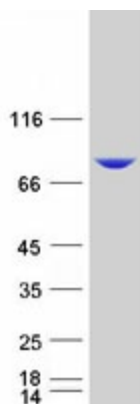
**RefSeq ORF:** 2211

**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]).