

## Product datasheet for **TP303406**

### **DPP3 (NM\_130443) Human Recombinant Protein**

#### Product data:

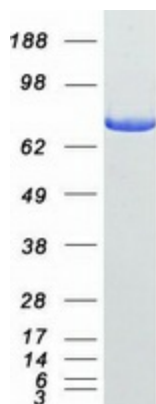
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dipeptidyl-peptidase 3 (DPP3), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203406 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGLAVLLQTSPEAPYIYALLSRLFRAQ  DPDQLRQHALAEGLTTEEYQAFLVYAAGVYSNMGNYSFGDTKFVPNLPKEKLERVILGSEAAQQHPPEEV  RGLWQTCGELMFSLEPRLRHLGLGKEGITTYSFGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKP  YYEVRLASVLGSEPSLDSEVTSKLKSYEFRGSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQ  YIESFTQGSIEAHKRGSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAMSAKFERLVASA  EQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDLRLQTEGFKNVSLGNVLAVAYATQ  REKLTFLIEDDKDLYILWKGPSFDVQVGLHELLGHGSGKLFVQDEKGAFNFDQETVINPETGEQIQSWYR  SGETWDSKFSTIASSYEECRAESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNLMVRAGLLALEFYTPE  AFNWRQAHMQARFVILRVLLEAGEGLVTITPTTGS DGRPDARVRLDRSKIRSVGKPALERFLRRLQVLKS  TGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKESRKLIVQPNTRLEGSDVQLLEYEASAAGLIRSF  SERFPEDGPELEEILTQLATADARFWKGPSEAPSGQA</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_569710</u>
<b>Locus ID:</b>	10072
<b>UniProt ID:</b>	<u>Q9NY33, Q5JPB8</u>
<b>RefSeq Size:</b>	3101
<b>Cytogenetics:</b>	11q13.2
<b>RefSeq ORF:</b>	2211
<b>Synonyms:</b>	DPPIII
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).