

Recombinant Full Length Human DPP3 Protein, GST-tagged

Cat. No. DPP3-4116HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPP3 full-length ORF (AAH01446, 1 a.a. - 737 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	737 amino acids
Description	This gene encodes a protein that is a member of the M49 family of metalloproteinases. 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]
Molecular Mass	106.59 kDa
AA Sequence	MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAP YIYALLSRLFRAQDPDQLHQHALAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTK FVPNLPKEKLERVILGSEAAQQHPPEVRGLWQTCGELMFSLEPRLRHLGLGKEGITT YFSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKPYEVRLASVLGSEPSL DSEVTSKLKSYEFRGSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQYI ESFTQGSIEAHKRGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAM SAKFERLVASAEQLLKELPWPTFEKDKFLTPDFTSLDVLTTFAGSGIPAGINIPNYDDL

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RQTEGFKNVSLGNVLAVAYATQREKLTFLLEDDKDLYILWKGPSFDVQVGLHELLGH
 GSGKLFVQDEKGAFNFDQETVINPETGEQIQSWYRSGETWDSKFSTIASSYEECRA
 ESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNLMVRAGLLALEFYTPEAFNWRQAH
 MQARFVILRVLLEAGEGLVTITPTTGSDGRPDARVRLDRSKIRSVGKPALERFLRRLQ
 VLKSTGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKESRKLIVQPNTRELGSD
 VQLLEYEASAAGLIRSFSEFPEDGPELEEILTQLATADARFWKGPSEAPSGQA

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DPP3 dipeptidyl-peptidase 3 [Homo sapiens]

Official Symbol

DPP3

Synonyms

DPP3; dipeptidyl-peptidase 3; dipeptidylpeptidase 3 , dipeptidylpeptidase III;
 dipeptidyl peptidase 3; DPP III; dipeptidyl peptidase III; dipeptidyl arylamidase III;
 dipeptidyl aminopeptidase III; DPPIII; FLJ11387; FLJ22331;

Gene ID

10072

mRNA Refseq

NM_001256670

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Protein Refseq	NP_001243599
MIM	606818
UniProt ID	Q9NY33

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