

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 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]
Molecular Mass	106.59 kDa
AA Sequence	MADTQYILPNDIGVSSLDCREAFRLLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAP YIYALLSRLFRAQDPDQLHQHALAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTK FVPNLPKEKLERVILGSEAAQQHPPEVRGLWQTCGELMFSLEPRLRHLGLGKEGITT YFSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKPYEVRLASVVGSEPSL DSEVTSKLSYEFRGSPPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQYI ESFTQGSIEAHKRGRSRFWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAM SAKFERLVASAEQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDL

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RQTEGFKNVSLGNVLAVAYATQREKLTFLLEEDDKDLYILWKGPSFDVQVGLHELLGH
 GSGKLFVQDEKGFNFDQETVINPETGEQIQSWYRSGETWDSKFSTIASSYEECRA
 ESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNMV RAGLLALEFYTPEAFNWRQAH
 MQARFVILRVLLEAGEGLVTITPTTGSDGRPDARVRLDRSKIRSVGKPALERFLRRLQ
 VLKSTGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKE SRKLIVQPNT RLEGSD
 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



Protein Refseq NP_001243599

MIM 606818

UniProt ID Q9NY33

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