

Recombinant Human DPP3

Cat. No. DPP3-28433TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DPP3 with N terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system, 109 kDa.
Species	Human
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. Alternate transcriptional splice variants have been characterized.
Biological activity	Specific Activity: 425 pmol/min/g.
Form	Liquid
Storage buffer	Preservative: None Constituents: 50% Glycerol, 0.05% Tween 20, 3mM DTT, 25mM Tris HCl, 100mM Sodium chloride, pH 8
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the peptidase M49 family.
Full Length	Full L.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;
Gene ID	10072
mRNA Refseq	NM_130443
Protein Refseq	NP_569710
MIM	606818
Uniprot ID	Q9NY33
Chromosome Location	11q12-q13.1
Function	aminopeptidase activity; dipeptidyl-peptidase activity; metal ion binding; metallopeptidase activity; peptidase activity;

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