

## Recombinant Human DPP3

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

### SPECIFICATION

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

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## GENE INFORMATION

<b>Gene Name</b>	DPP3 dipeptidyl-peptidase 3 [ Homo sapiens ]
<b>Official Symbol</b>	DPP3
<b>Synonyms</b>	DPP3; dipeptidyl-peptidase 3; dipeptidylpeptidase 3 , dipeptidylpeptidase III; dipeptidyl peptidase 3;
<b>Gene ID</b>	10072
<b>mRNA Refseq</b>	NM_130443
<b>Protein Refseq</b>	NP_569710
<b>MIM</b>	606818
<b>Uniprot ID</b>	Q9NY33
<b>Chromosome Location</b>	11q12-q13.1
<b>Function</b>	aminopeptidase activity; dipeptidyl-peptidase activity; metal ion binding; metallopeptidase activity; peptidase activity;

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