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Datasheet for ABIN7318408 DPP3 Protein (His tag)

Overview

Quantity:	50 µg
Target:	DPP3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPP3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human DPP3 Protein (His Tag)
Sequence:	Met 1-Ala737
Characteristics:	Recombinant Human Dipeptidyl aminopeptidase III is produced by our E.coli expression system and the target gene encoding Met1-Ala737 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	DPP3
Alternative Name:	DPP3 (DPP3 Products)
Background:	Background: Dipeptidyl peptidase 3(DPP3), is a member of the S9B family in clan SC of the serine proteases. DPP3 has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. This cytoplasmic protein binds a single zinc ion with

Target Details

its zinc-binding motif (HELLGH). It releases an N-terminal dipeptide from a peptide comprising four or more residues, with broad specificity and also acts on dipeptidyl 2-naphthylamides. Increased activity of this protein has a relationship with endometrial and ovarian cancers.

Synonym: Dipeptidyl peptidase 3, Dipeptidyl aminopeptidase III, Dipeptidyl arylamidase III, Dipeptidyl peptidase III, Enkephalinase B, DPP3

Molecular Weight:	84.8 kDa
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UniProt:	Q9NY33
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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