

Product Name: Recombinant Human DPP3 (N-6His)
Catalog #: PEH0536

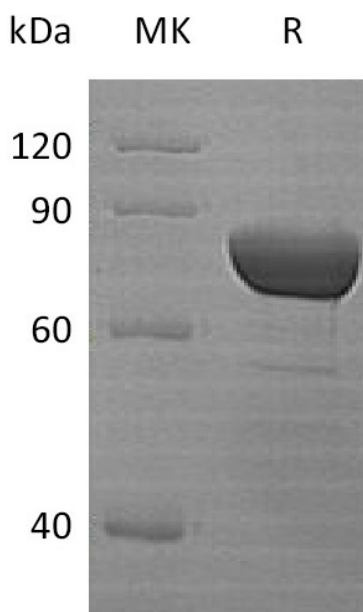


Summary

Name	Dipeptidyl peptidase 3/DPP3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9NY33
Host	E.coli
Species	Human
Predicted Molecular Mass	84.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 25mM Tris-HCl, 10mM NaCl, 2mM DTT, 0.05% Tween 80, 20% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Dipeptidyl peptidase 3; Dipeptidyl aminopeptidase III; Dipeptidyl arylamidase III; Dipeptidyl peptidase III; Enkephalinase B; DPP3

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 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.

Note

For Research Use Only , Not for Diagnostic Use.