

Active Recombinant Human ENPEP, His-tagged

Cat. No. ENPEP-158H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPEP (Accession # AAA35522) Arg41-Gly957, fused with an N-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	41-957 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Glu-7-amido-4-methylcoumarin (Glu-AMC). The specific activity is >2,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human ENPEP, His-tagged has a calculated MW of 106 kDa. In SDS-PAGE migrates as 145 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	ENPEP glutamyl aminopeptidase (aminopeptidase A) [Homo sapiens]
Official Symbol	ENPEP
Synonyms	ENPEP; glutamyl aminopeptidase (aminopeptidase A); glutamyl aminopeptidase; CD249; gp160; EAP; AP-A; aminopeptidase A; differentiation antigen gp160; APA;
Gene ID	2028
mRNA Refseq	NM_001977
Protein Refseq	NP_001968
MIM	138297
UniProt ID	Q07075
Chromosome Location	4q25

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