Recombinant Human DPEP3 Protein, His-tagged

Cat. No. DPEP3-209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPEP3(Glu196~Cys488) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu196~Cys488
Description	This gene encodes a membrane-bound glycoprotein from the family of dipeptidases involved in hydrolytic metabolism of various dipeptides, including penem and carbapenem beta-lactam antibiotics. This gene is located on chromosome 16 in a cluster with another member of this family. Alternatively spliced transcript variants that encode different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	36.1kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

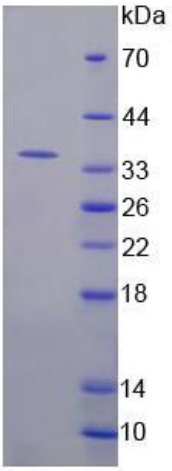
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DPEP3 dipeptidase 3 [Homo sapiens]
Official Symbol	DPEP3
Synonyms	MBD3
Gene ID	64180
mRNA Refseq	NM_001129758
Protein Refseq	NP_001123230
MIM	609926
UniProt ID	Q9H4B8

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15% SDS-PAGE

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