

## Recombinant Human DPEP2 Protein, His-tagged

DPEP2-208H Human

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant Human DPEP2(Leu303~Leu486) fused with His tag at N-terminal was expressed in E. coli.
<b>Description</b>	DPEP2 belongs to the membrane-bound dipeptidase (EC 3.4.13.19) family. These enzymes hydrolyze a variety of dipeptides, including leukotriene D4, the beta-lactam ring of some antibiotics, and cystinyl-bis-glycine (cys-bis-gly) formed during glutathione degradation (Habib et al., 2003 [PubMed 12738806]).
<b>Source</b>	E. coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	24.0kDa
<b>Protein length</b>	Leu303~Leu486
<b>Endotoxin</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others.

### Gene Information

<b>Gene Name</b>	<a href="#">DPEP2 dipeptidase 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">DPEP2</a>
<b>Synonyms</b>	DPEP2; dipeptidase 2; MBD2;
<b>Gene ID</b>	<a href="#">64174</a>

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mRNA Refseq [NM\\_022355](#)

Protein Refseq [NP\\_071750](#)

MIM [609925](#)

UniProt ID [Q9H4A9](#)

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