

Recombinant Human DPEP2 Protein, His-tagged

Cat. No. DPEP2-208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPEP2(Leu303~Leu486) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu303~Leu486
Description	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]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	24.0kDa
Endotoxin	<1.0EU per 1g (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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

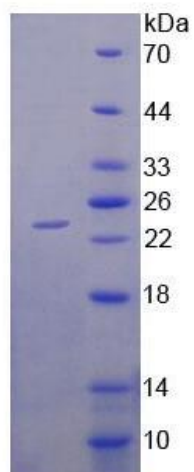
GENE INFORMATION

Gene Name	DPEP2 dipeptidase 2 [Homo sapiens]
Official Symbol	DPEP2
Synonyms	DPEP2; dipeptidase 2; MBD2;
Gene ID	64174
mRNA Refseq	NM_022355
Protein Refseq	NP_071750
MIM	609925
UniProt ID	Q9H4A9

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15% SDS-PAGE

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