

# Recombinant Full Length Human DPEP2 Protein, GST-tagged

Cat. No. DPEP2-4009HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human DPEP2 full-length ORF ( AAH24021.1, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	399 amino acids
<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]).[supplied by OMIM, Mar 2008]
<b>Molecular Mass</b>	70.3 kDa
<b>AA Sequence</b>	<p>MQPSGLEPGTFGRWPLLSLLLLLLLLLQPVTCAYTTPGPPRAQFWSAYVPCQTQDR  DALRLTLEQIDLIRRMCASYSLELVTSAKALNDTQKLACLIGVEGGHSLDNSLSILRT  FYMLGVRYLTLTHTCNTPWAESSAKGVHSFYNNISGLTDFGEKVVAEMNRLGMMV  DLSHVSDAVARRALEVVSQAPVIFSHSAARGVCNSARNVPDDILQLLKKNGGVVMVSL  SMGVIQCNPSANVSTVADHFDHIKAVIGSKFIGIGGDYDGAGKFPQGLEDVSTYPVLI  EELLSRGWSEELQGVLRGNLLRVFRQVEKVQEEKWQSPLEDKFPDEQLSSSCH  SDLSRLRQRQSLTSGQELTEIPIHWTAKLPAKWSVSESSPHMAPVLAVVATFPVLIL  WL</p>

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

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

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