

Recombinant Full Length Human DPEP2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human DPEP2 full-length ORF (AAH24021.1, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	399 amino acids
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]).[supplied by OMIM, Mar 2008]
Molecular Mass	70.3 kDa
AA Sequence	MQPSGLEPGTFRWPLLSLLLLLLLLLPVTCAYTTPGPPRAQFWSAYVPCQTQDR DALRLTLEQIDLIRMCASYSELELVTSKALNDTQKLACLIGVEGGHSLDNSLSILRT FYMLGVRYLTLTHTCNTPWAESSAKGVHSFYNNISGLTDFGEKVVAEMNRLGMMV DLSHVSDAVARRALEVSQAPVIFSHSAARGVCNSARNVPDDILQLLKKNGGVMMVSL SMGVIQCNPSANVSTVADHFDHIKAVIGSKFIGIGGDYDGAGKFPQGLEDVSTYPVLI EELLSRGWSEELQGVLRGNLLRVFRQVEKVQEENKWQSPLEDKFPDEQLSSSCH SDLSRLRQRQSLTSGQELTEIPIHWTAKLPAKWSVSESSPHMAPVLAVVATFPVLIL WL

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

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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