

Recombinant Human DPEP1 Protein, His-tagged

Cat. No. DPEP1-253H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPEP1, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a kidney membrane enzyme involved in the metabolism of glutathione and other similar proteins by dipeptide hydrolysis. The encoded protein is known to regulate leukotriene activity by catalyzing the conversion of leukotriene D4 to leukotriene E4. This protein uses zinc as a cofactor and acts as a disulfide-linked homodimer. Two transcript variants encoding the same protein have been found for this gene.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	45.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DPEP1 dipeptidase 1 (renal) [Homo sapiens]
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Official Symbol	DPEP1
Synonyms	MDP; RDP; MBD1
Gene ID	1800
mRNA Refseq	NM_004413.3
Protein Refseq	NP_004404.1
MIM	179780
UniProt ID	P16444

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