

## Datasheet for ABIN7317196 **DPEP2 Protein (Fc Tag)**

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### Overview

Quantity:	100 µg
Target:	DPEP2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPEP2 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human DPEP2 Protein (Fc Tag)
Sequence:	Met 1-Ser376
Characteristics:	A DNA sequence encoding the human DPEP2 (AAH24021.1) (Met1-Ser376) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	DPEP2
Alternative Name:	DPEP2 ( <a href="#">DPEP2 Products</a> )
Background:	Background: DPEP2 (MBD-2) belongs to the membrane-bound dipeptidase family. There are three members of this family as membrane-bound dipeptidase-1 (MBD-1), membrane-bound dipeptidase-2 (MBD-2) and membrane-bound dipeptidase-3 (MBD-3). MBD-2 is expressed at

## Target Details

highest levels in lung, heart, and testis and at some what lower levels in spleen.MBD-2 is membrane-bound through a glycosylphosphatidyl-inositol linkage and probably is a metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4).It is generally recognized that rapid cleavage of LTD4 is important in inactivating the broncho-and vaso-constrictive effects of cysteinyl LTs in asthmatic and inflammatory processes.

Synonym: MBD2

Molecular Weight: 65 kDa

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.