Datasheet for ABIN7317196

DPEP2 Protein (Fc Tag)

Go to Product page

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 (DPEP2 Products)
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.