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Datasheet for ABIN7317195 DPEP2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	DPEP2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPEP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human DPEP2 Protein (His Tag)
Sequence:	Met 1-Ser376
Characteristics:	A DNA sequence encoding the human DPEP2 (AAH24021.1) (Met1-Ser376) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 90 % 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:	39.4 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C, -20 °C, -80 °C
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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.
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