Datasheet for ABIN1880675

DPP10 Protein (AA 56-796) (His tag)

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Overview

Quantity:	50 µg
Target:	DPP10
Protein Characteristics:	AA 56-796
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPP10 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Interleukin-7/IL-7 (C-6His)
Sequence:	ECHIKDKEGK AYESVLMISI DELDKMTGTD SNCPNNEPNF FRKHVCDDTK EAAFLNRAAR KLKQFLKMNI SEEFNVHLLT VSQGTQTLVN CTSKEEKNVK EQKKNDACFL KRLLREIKTC WNKILKGSIV DHHHHHH
Characteristics:	Recombinant Human DPP10/DPRP3/DPL2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Leu56-Glu796) of Human DPP10 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	DPP10
Alternative Name:	DPP10 (DPP10 Products)
Sub Type:	Fusionprotein
Background:	Inactive dipeptidyl peptidase 10, also called Dipeptidyl peptidase IV-related protein 3, Dipeptidyl peptidase X, Dipeptidyl peptidase-like protein 2, is a single-pass type II membrane protein which belongs to the peptidase S9B family, DPPIV subfamily. It is expressed in brain, pancreas, spinal cord and adrenal glands, and may form oligomers. This protein has no dipeptidyl aminopeptidase activity. It may modulate cell surface expression and activity of the potassium channels KCND1 and KCND2. Genetic variations in DPP10 are associated with susceptibility to asthma. Alternative Names: Inactive dipeptidyl peptidase 10, also called Dipeptidyl peptidase IV-related protein 3, Dipeptidyl peptidase X, Dipeptidyl peptidase-like protein 2, is a single-pass type II membrane protein which belongs to the peptidase S9B family, DPPIV subfamily.
Molecular Weight:	15.9 kDa
UniProt:	P10168

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months