Datasheet for ABIN7317255

LECT1 Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	LECT1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LECT1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human LECT1 Protein (Fc Tag)
Sequence:	Glu215-Val333
Characteristics:	A DNA sequence encoding the human LECT1 (NP_001011705.1) (Glu215-Val333) was expressed with the Fc region of human IgG1 at the N-terminus.
Purity:	> (81.7+13.6) % as determined by reducing SDS-PAGE..
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	LECT1
Alternative Name:	LECT1 (LECT1 Products)
Background:	Background: PTGDS, also known as L-PGDS, belongs to the calycin superfamily,lipocalin family. Lipocalins share limited regions of sequence homology and a common tertiary structure architecture. They transport small hydrophobic molecules such as steroids, bilins, retinoids, and

Target Details

	lipids. PTGDS is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of PGH2 to PGD2. It is involved in smooth muscle contraction/relaxation and a variety of central nervous system functions. PTGDS may have an anti-apoptotic role in oligodendrocytes. It binds small non-substrate lipophilic molecules, including biliverdin, bilirubin, retinal, retinoic acid and thyroid hormone, and may act as a scavenger for harmful hydrophopic molecules and as a secretory retinoid and thyroid hormone transporter. It is likely to play important roles in both maturation and maintenance of the central nervous system and male reproductive system. Synonym: BRICD3,CHM-I,CHM1,MYETS1
Molecular Weight:	42.1 kDa
NCBI Accession:	NP_001011705

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.