Datasheet for ABIN7318439

Ephrin A5 Protein (EFNA5) (Fc Tag)

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Overview

Quantity:	50 µg
Target:	Ephrin A5 (EFNA5)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ephrin A5 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Ephrin-A5/EFNA5 Protein (Fc Tag)
Sequence:	Gln21-Asn203
Characteristics:	Recombinant Human Ephrin-A5 is produced by our Mammalian expression system and the target gene encoding Gln21-Asn203 is expressed with a Fc tag 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:	Ephrin A5 (EFNA5)
Alternative Name:	Ephrin-A5/EFNA5 (EFNA5 Products)
Background:	Background: Ephrin-A5 (EFNA5) belongs to the ephrin family,contains 1 ephrin RBD (ephrin receptor-binding) domain. Ephrin-A5 is a cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion

Target Details

	during neuronal, vascular and epithelial development. It binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The interaction of EFNA5 with EPHA5 also mediates communication between pancreatic islet cells to regulate glucose-stimulated insulin secretion. Cognate/functional ligand for EPHA7, their interaction regulates brain development modulating cell-cell adhesion and repulsion. Synonym: Ephrin-A5,EPLG7, LERK7,EFNA5,LERK-7,EPH-related receptor tyrosine kinase ligand 7,AL-1
Molecular Weight:	48.3 kDa
UniProt:	P52803
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 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.