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Datasheet for ABIN7319004

SEMA4B Protein (His tag,Fc Tag)

Overview

Quantity:	50 µg
Target:	SEMA4B
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA4B protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human SEMA4B Protein (His & Fc Tag)
Sequence:	Leu39-Glu712
Characteristics:	Recombinant Human Semaphorin 4B is produced by our Mammalian expression system and the target gene encoding Leu39-Glu712 is expressed with a Fc, 6His 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:	SEMA4B
Alternative Name:	SEMA4B (SEMA4B Products)
Background:	Background: Semaphorin-4B is a single-pass type I membrane protein. SEMA4B is a member of the semaphorin family. The class 4 semaphorins are integral membrane proteins that are widely expressed throughout the nervous system. SEMA4B is a single-pass type I membrane

Target Details

protein and contains one Ig-like C2-type (immunoglobulin-like) domain, one PSI domain and one Sema domain. Human SEMA4B is expressed in neurons. SEMA4B inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons. SEMA4B negatively regulates basophil-mediated Th2 and humoral memory responses.

Synonym: Semaphorin-4B, KIAA1745, SEMAC, SEMA4B

Molecular Weight: 102.0 kDa

UniProt: [Q9NPR2](#)

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.