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Datasheet for ABIN7319001 **SEMA3C Protein (His tag)**

Overview

Quantity:	50 µg
Target:	SEMA3C
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA3C protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Semaphorin 3C/SEMA3C Protein (His Tag)
Sequence:	Gly21-Ser738
Characteristics:	Recombinant Human Semaphorin 3C is produced by our Mammalian expression system and the target gene encoding Gly21-Ser738 is expressed with a 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:	SEMA3C
Alternative Name:	Semaphorin 3C/SEMA3C (SEMA3C Products)
Background:	Background: Semaphorin 3C is one of six Class 3 secreted semaphorins, which are potent chemorepellents, that play a role in axon and/or vascular guidance during development can be up-regulated in the process of tumor progression. Semaphorin 3C consists of a 20 amino acids

Target Details

signal sequence, a N-terminal Sema domain, a cysteine knot, a furine-type cleavage site, an Ig-like domain, and a C-terminal basic domain. Semaphorin 3C expressed highly in the heart, colon, skeletal muscle, small intestine, testis, ovary and prostate, expressed lowly in the other organs, including the brain.

Synonym: Semaphorin-3C, Semaphorin-E, Sema E, SEMA3C, SEMAE

Molecular Weight: 82.4 kDa

UniProt: [Q99985](#)

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 20 mM PB, 150 mM NaCl, 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.