Datasheet for ABIN7317628

SEMA6A Protein (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	SEMA6A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA6A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Semaphorin 6A/SEMA6A Protein (His Tag)
Sequence:	Met 1-Thr 649
Characteristics:	A DNA sequence encoding the human SEMA6A (NP_065847.1) extracellular domain (Met 1-Thr 649) was expressed, with a polyhistidine tag at the C-terminus.
Purity:	> 90 % 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:	SEMA6A
Alternative Name:	Semaphorin 6A/SEMA6A (SEMA6A Products)
Background:	Background: Regenerating islet-derived protein 4, also known as REG-like protein, REG4, GISP and RELP, a member of the regenerating gene family belonging to the calcium (C-type) dependent lectin superfamily, has been found to be involved in malignancy in several different

Target Details

	organs including the stomach, colorectum, pancreas and prostate. It is highly expressed in the gastrointestinal tract and markedly up-regulated in colon adenocarcinoma, pancreatic cancer, gastric adenocarcinoma, and inflammatory bowel disease. Expression of the Reg4 in different cell types has been associated with regeneration, cell growth and cell survival, cell adhesion and resistance to apoptosis. REG4 protein overexpression is associated with an unfavorable response to preoperative chemoradiotherapy and may be used as a predictive biomarker clinically. REG4 may play an important role in the development and progression of colorectal cancer, as well as in intestinal morphogenesis and epithelium restitution. Synonym: HT018,SEMA,SEMA6A1,SEMAQ,VIA
Molecular Weight:	72.2 kDa
NCBI Accession:	NP_065847

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.