Datasheet for ABIN7520077

IGSF11 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	IGSF11
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGSF11 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human VSIG3/IgSF11 Protein
Sequence:	LEVSESPGSI QVARGQPAVL PCTFTTSAAL INLNVIWMVT PLSNANQPEQ VILYQGGQMF DGAPRFHGRV GFTGTMPATN VSIFINNTQL SDTGTYQCLV NNLPDIGGRN IGVTGLTVLV PPSAPHCQIQ GSQDIGSDVI LLCSSEEGIP RPTYLWEKLD NTLKLPPTAT QDQVQGTVTI RNISALSSGL YQCVASNAIG TSTCLLDLQV ISPQPRNIG
Specificity:	Leu23-Gly241
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	IGSF11
Alternative Name:	VSIG3/IgSF11 (IGSF11 Products)

Target Details

Background:	Description: Immunoglobulin superfamily member 11(IGSF11) is expressed on the plasma membrane in the testis and brain. These IGSF proteins undergo final modifications during capacitation and/or the acrosome reaction. IGSF proteins share significant homology with endothelial cell-selective adhesion molecule and coxsackievirus and adenovirus receptor, which mediates cell attachment and homotypic intercellular interactions. In clinical, the IGSF11 has been reported to overexpressed in colorectal cancers and hepatocellular carcinomas, as well as intestinal-type gastric cancers, compared to their corresponding non-cancerous tissues. The IGSF11 has also been found expressed abundantly in the testis and ovary and the IGSF11 can be used as a candidate of cancer-testis antigen. Name: BT-IgSF,CT119,CXADRL1,Igsf13,VSIG3,IGSF11
Gene ID:	152404
UniProt:	Q5DX21-1

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term.|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.