Datasheet for ABIN1641406

SIGLEC12 Protein (AA 21-483) (His tag)

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Overview

Quantity:	1 mg
Target:	SIGLEC12
Protein Characteristics:	AA 21-483
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	KEQKDYLLTM QKSVTVQEGL CVSVLCSFSY PQNGWTDSDP VHGYWFRAGD HVSRNVPVAT NNPARAVQEE TRDRFHLLGD PQNKDCTLSI RDTRESDAGT YVFRVERGNM KWNYKYDQLS VNVTASQDLL SRYRLEVPES VTVQEGLCVS VPCSVLYPHC NWTASSPVYG SWFKEGADIP CDIPVATNTP SGKVQEDTQG RFLLLGDPQT NNCSLSIRDA RKGDSGKYYF QVERGSRKWN YIYDKLSVHV TALTHLPTFS IPGTLESGHP RNLTCSVPWA CEQGTPPTIT WMGASVSSLE PTISRSSMLS LIPKPQDHGT SLTCQVTLPG AGVTTTRAVR LNISYPPQNL TMTVFQGDGT ASTTLRNGSA LSVLEGQSLH LVCAVDSNPP ARLSWTWGSL TLSPSQSSNL GVLELPRVHV KDEGEFTCRA QNPLGSQHIS LSLSLQNEYT GKMRPISGVT LGA
Specificity:	Pan troglodytes (Chimpanzee)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	SIGLEC12
Alternative Name:	Sialic acid-binding Ig-like lectin 12 (SIGLEC12) (SIGLEC12 Products)
Background:	Recommended name: Sialic acid-binding Ig-like lectin 12. Short name= Siglec-12. Alternative name(s): Sialic acid-binding Ig-like lectin-like 1. Short name= Siglec-L1
UniProt:	Q95LH0

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

