

Datasheet for ABIN5854747

CD226 Protein (CD226) (AA 19-247) (hlgG-His-tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD226
Protein Characteristics:	AA 19-247
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD226 protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPEEVLWHT SVPFAENMSL ECVYPSMGIL TQVEWFKIGT QQDSIAIFSP THGMVIRKPY AERVYFLNST MASNNMTLFF RNASEDDVGY YSCSLYTYPQ GTWQKVIQVV QSDSFEAAVP SNSHIVSEPG KNVTLTCQPQ MTWPVQAVRW EKIQPRQIDL LTYCNLVHGR NFTSKFPRQI VSNCSHGRWS VVIPDVTVS DSGLYRCYLQ ASAGENETFV MRLTVAEGKT DNLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLPSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

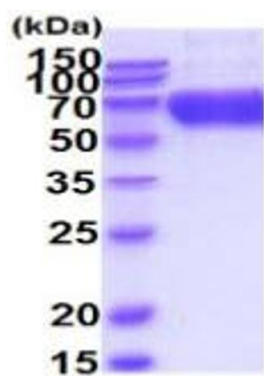
Target:	CD226
Alternative Name:	DNAM-1/CD226 (CD226 Products)
Background:	CD226, also known as CD226 antigen isoform, is a member of the immunoglobulin superfamily containing 2 Ig-like domains of the V-set. It is an activating receptor expressed on NK cells and T cells and plays an important role in cytotoxicity of these cells against target cells. It mediates platelet and megakaryocytic cell adhesion to vascular endothelial cells. Recombinant human CD226, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	53.2 kDa (471aa)
NCBI Accession:	NP_006557
UniProt:	Q15762
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.