

Datasheet for ABIN7281222

2B4 Protein (AA 19-224) (hlgG-His-tag)



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1 Image

Overview

Quantity:	100 µg
Target:	2B4 (CD244)
Protein Characteristics:	AA 19-224
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This 2B4 protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLGKGCQGS ADHVVSISGV PLQLQPNSIQ TKVDSIAWKK LLPSQNGFHH ILKWENGSLP SNTSNDRFSS IVKNLSLLIK AAQQQDSGLY CLEVTSISGK VQTATFQVFV FDKVEKPRLQ GQGKILDRGR CQVALSCLVS RDGNVSYAWY RGSKLIQTAG NLTYLDEEVD INGTHYTCN VSNPVSWESH TLNLTQDCQN AHQEFRFWPL EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTTP PVLDSGGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKSLSLSP GKHHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

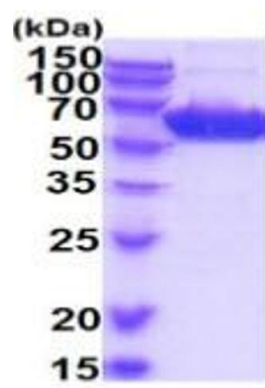
Target:	2B4 (CD244)
Alternative Name:	CD244 (CD244 Products)
Background:	CD244, also known as natural killer cell receptor 2B4 isoform 1, is a natural killer and T cell immunoglobulin superfamily surface protein and ligand of CD48. It is a cell surface glycoprotein related to CD2 and implicated in the regulation of natural killer and T lymphocyte function. It is expressed on all human NK cells, a subpopulation of T cells, basophils and monocytes. It activates NK cell mediated cytotoxicity, induces secretion of IFN-gamma and matrix metalloproteinases, and NK cell invasiveness. Recombinant human CD244, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	50.2kDa (448aa) 50-70kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_057466
UniProt:	Q9BZW8

Application Details

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

Handling

Format:	Liquid
Concentration:	1 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 +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.