

Datasheet for ABIN5855048
CD164 Protein (CD164) (AA 24-162) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD164
Protein Characteristics:	AA 24-162
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD164 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPDKNTTQH PNVTTLAPIS NVTSAPVTSL PLVTTTPAPET CEGRNSCVSC FNVSVNNTTC FWIECKDESY CSHNSTVSDC QVGNTTDFCS VSTATPVPTA NSTAKPTVQP SPSTTSKTVT TSGTTNNTVT PTSQPVRKST FDHHHHHH
Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	CD164
Alternative Name:	CD164 (CD164 Products)
Background:	CD164, also known as sialomucin core protein 24 isoform 1, is a type I transmembrane O-glycosylated protein that is expressed on activated perivascular and stromal cells in embryonic

Target Details

and tumor neovasculature. It plays a key role in hematopoiesis by facilitating the adhesion of CD34+ cells to the stroma and by negatively regulating CD34+CD38(lo/-) cell proliferation. This protein also plays an important role in prostate cancer metastasis and the infiltration of bone marrow by cancer cells. Recombinant human CD164 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 15.6kDa (148aa) 28-57KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_006007](#)

UniProt: [Q04900](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

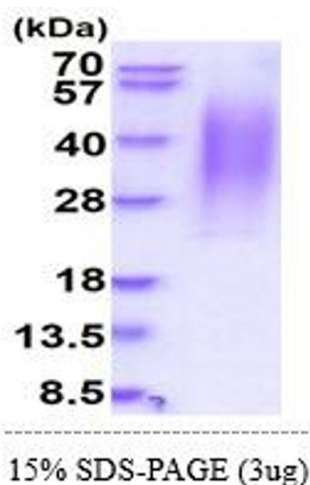
Concentration: 0.5 mg/mL

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

Images



SDS-PAGE

Image 1.