

Datasheet for ABIN7013804

CD56 Protein (AA 20-718) (His tag,FITC)[Go to Product page](#)**1** Image

Overview

Quantity:	200 µg
Target:	CD56 (NCAM1)
Protein Characteristics:	AA 20-718
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD56 protein is labelled with His tag,FITC.

Product Details

Purpose:	FITC-Labeled Human NCAM-1 / CD56 Protein, His Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD56 (NCAM1)
Alternative Name:	NCAM-1 (NCAM1 Products)
Background:	NCAM1 belongs to the immunoglobulin superfamily of adhesion molecules. A wide range of alternatively spliced NCAM1 messenger RNAs (mRNAs) has been described to date, but only the 120-, 140-, and 180- kDa isoforms are commonly expressed. NCAM1 plays an important role in the regulation of neurogenesis, neurite outgrowth, proliferation, and cell migration, however, its function in hematopoiesis, including NK cells, is poorly understood. NCAM1

Target Details

signaling is mediated either by homophilic or heterophilic interactions with fibroblast growth factor receptor (FGFR), L1-CAM, N-cadherin and other components of the extracellular matrix. Upon activation, NCAM1 triggers a variety of signaling cascades including FYN-focal adhesion kinase (FAK), MAPK, and phosphatidylinositol 3-kinase (PI3K) pathways.

Molecular Weight: 79.3 kDa

NCBI Accession: [NP_851996](#)

Application Details

Restrictions: For Research Use only

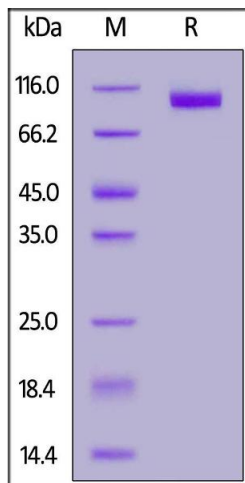
Handling

Format: Lyophilized

Buffer: 50 mM Tris, 500 mM NaCl, pH 8.0

Storage: -20 °C

Images



SDS-PAGE

Image 1. Fed Human NCAM-1, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 %.