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Datasheet for ABIN7535765 NCR1 Protein (rFc Tag)

Overview

Quantity:	100 µg
Target:	NCR1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCR1 protein is labelled with rFc Tag.

Product Details

Purpose:	Recombinant Mouse NCR1/CD335 Protein
Sequence:	QRINTEKETL PKPIIWAKPS IMVTNGNSVN IWCQGAQSAS EYQLYFEGSF FALERPKPSR SMNKVRRFFIS QMTSHTAGIY TCFYQSGELW SKSSNPLKLV VTGLYDTPNL WVYPRPEVTL GENVTFFCQL KTATSKFFLL KERGSNHIQN KYGNIQAEFP MGPVTRAHRG TYRCFGSYND YAWSFPSEPV TLLITGGVEN SSLAPTDPTS SLDYWEFDLS TNESGLQKDS AFDWHTTQN
Specificity:	Gln17-Asn255
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	NCR1
Alternative Name:	NCR1/CD335 (NCR1 Products)

Target Details

Background: Description: NCR1, also known as NK-p46 and CD335, is a natural cytotoxicity receptor(NCR). NCRs are type I transmembrane proteins with 1-2 extracellular immunoglobulin domains, a transmembrane domain containing a positively charged amino acid residue, and a short cytoplasmic tail. All are expressed almost exclusively by NK cells and play a major role in triggering NK-mediated killing of most tumor cell lines. NKp46 has two extracellular Ig-like domains followed by a ~40 residue stalk region, a type I transmembrane domain, and a short cytoplasmic tail. NKp46 has been implicated in NK cell-mediated lysis of several autologous tumor cells, pathogen-infected cell lines, and mononuclear phagocytes infected with an intracellular bacterium.

Name: Ly94,NKp46,Ncr1

Gene ID: 17086

UniProt: [Q8C567](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.