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Datasheet for ABIN7534387
CD58 Protein (CD58) (Fc Tag,His tag)

Overview

Quantity:	100 µg
Target:	CD58
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD58 protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Active Recombinant Human LFA-3/CD58 Protein
Sequence:	FSQQIYGVVY GNVTFHVPSN VPLKEVLWKK QKDKVAELEN SEFRAFSSFK NRVYLDTVSG SLTIYNLTSS DEDEYEMESP NITDTMKFFL YVLESLSPT LTCALTNGSI EVQCMPIEYY NSHRGLIMYS WDCPMEQCKR NSTSIYFKME NDLPQKIQCT LSNPLFNTTS SIILTTCIPS SGHSRHR
Specificity:	Phe29-Arg215
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	1. Measured by its binding ability in a functional ELISA. Immobilized Human CD2 at 2 µg/mL (100 µL/well) can bind Human CD58 with a linear range of 1.22-34.4 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized CD58 (LFA-3) Monoclonal Antibody at 1 µg/mL

Product Details

g/mL (25 µL/well) can bind Recombinant Human CD58 with a linear range of 0.5-6.4 ng/mL.

Target Details

Target:	CD58
Alternative Name:	LFA-3/CD58 (CD58 Products)
Background:	CD58, LFA-3, LFA3, ag3, CD58 Molecule,LFA-3,LFA3,ag3
Gene ID:	965

Application Details

Restrictions:	For Research Use only
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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 long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.