

Eukaryotic Cluster Of Differentiation 56 (CD56) Instruction Manual

SFPB409Hu62

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	95.8kDa
Accurate Molecular Mass	100kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu20~Phe603 with N-terminal His Tag and C-terminal Fc Region of Human IgG1
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	4.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                L QVDIVPSQGE ISVGESKFFL CQVAGDAKDK
DISWFSPNGE KLTPNQQRIS VVWDDSSST LTIYNANIDD AGIYKCVVTG
EDGSESEATV NVKIFQKLMF KNAPTPQEFR EGEDAVIVCD VVSSLPPTII
WKHKGRDVIL KKDVRFIVLS NNYLQIRGIK KTDEGTYRCE GRILARGEIN
FKDIQVIVNV PPTIQRQNI VNATANLGQS VTLVCD AEGF PEPTMSWTKD
GEQIEQEEDD EKYIFSDDSS QLTIKKVDKN DEAEYICIAE NKAGEQDATI
HLKVFAKPKI TYVENQTAME LEEQVTLTCE ASGDPIPSIT WRTSTRNISS
EEKASWTRPE KQETLDGHMV VRSHARVSSL TLKSIQYTD A GEYICTASNT
IGQDSQSMYL EVQYAPKLQG PVAVYTWEGN QVNITCEVFA YPSATISWFR
DGQLLPSSNY SNIKIYNTPS ASYLEVTPDS ENDFGNYNCT AVNRIGQESL
EFILVQADTP SSPSIDQVEP YSSTAQVQFD EPEATGGVPI LKYKAEWRAP
GEEVWHSKWY DAKEASMEGI VTIVGLKPET TYAVRLAALN GKGLGEISAA
SEF
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

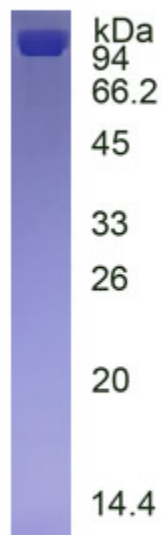


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.