Eukaryotic Cluster Of Differentiation 56 (CD56) Instruction Manual

SFPB409Hu61

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 31.4kDa

Accurate Molecular Mass 48-55kDa(Analysis of differences refer to the manual)

Residues & Tags Thr340~Val608 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 4.5

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

			T	WRTSTRNISS
EEKASWTRPE	KQETLDGHMV	VRSHARVSSL	TLKSIQYTDA	GEYICTASNT
IGQDSQSMYL	EVQYAPKLQG	PVAVYTWEGN	QVNITCEVFA	YPSATISWFR
DGQLLPSSNY	SNIKIYNTPS	ASYLEVTPDS	ENDFGNYNCT	AVNRIGQESL
EFILVQADTP	SSPSIDQVEP	YSSTAQVQFD	EPEATGGVPI	LKYKAEWRAV
GEEVWHSKWY	DAKEASMEGI	VTIVGLKPET	TYAVRLAALN	GKGLGEISAA
SEEKTOPV				

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.