Eukaryotic Cluster Of Differentiation 55 (CD55) Instruction Manual

SFPA533Hu61

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 36.6kDa

Accurate Molecular Mass 58kDa(Analysis of differences refer to the manual)

Residues & Tags Asp35~Ser353 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 > 95% Isoelectric Point 7.2

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

SEQUENCE

DCGLPP DVPNAQPALE
GRTSFPEDTV ITYKCEESFV KIPGEKDSVI CLKGSQWSDI EEFCNRSCEV
PTRLNSASLK QPYITQNYFP VGTVVEYECR PGYRREPSLS PKLTCLQNLK
WSTAVEFCKK KSCPNPGEIR NGQIDVPGGI LFGATISFSC NTGYKLFGST
SSFCLISGSS VQWSDPLPEC REIYCPAPPQ IDNGIIQGER DHYGYRQSVT
YACNKGFTMI GEHSIYCTVN NDEGEWSGPP PECRGKSLTS KVPPTVQKPT
TVNVPTTEVS PTSQKTTTKT TTPNAQATRS TPVSRTTKHF HETTPNKGSG
TTS

USAGE

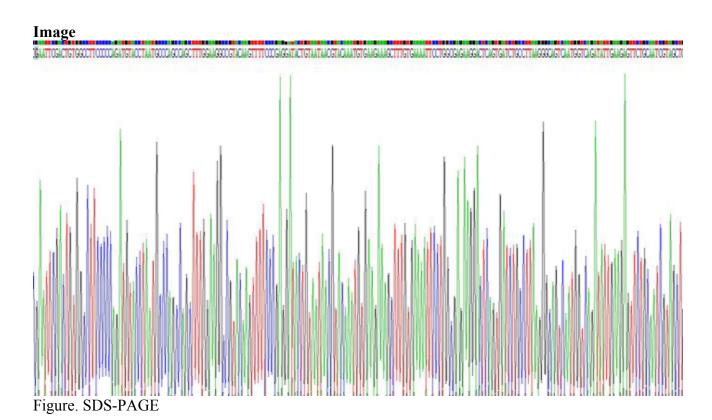
Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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.



[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.