Eukaryotic Cluster Of Differentiation 14 (CD14) Instruction Manual

SFPA163Hu61

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	31.6kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Thr20~Ala297 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                    T TPEPCELDDE DFRCVCNFSE PQPDWSEAFQ
CVSAVEVEIH AGGLNLEPFL KRVDADADPR QYADTVKALR VRRLTVGAAQ
VPAQLLVGAL RVLAYSRLKE LTLEDLKITG TMPPLPLEAT GLALSSLRLR
NVSWATGRSW LAELQQWLKP GLKVLSIAQA HSPAFSCEQV RAFPALTSLD
LSDNPGLGER GLMAALCPHK FPAIQNLALR NTGMETPTGV CAALAAAGVQ
PHSLDLSHNS LRATVNPSAP RCMWSSALNS LNLSFAGLEQ VPKGLPA
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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

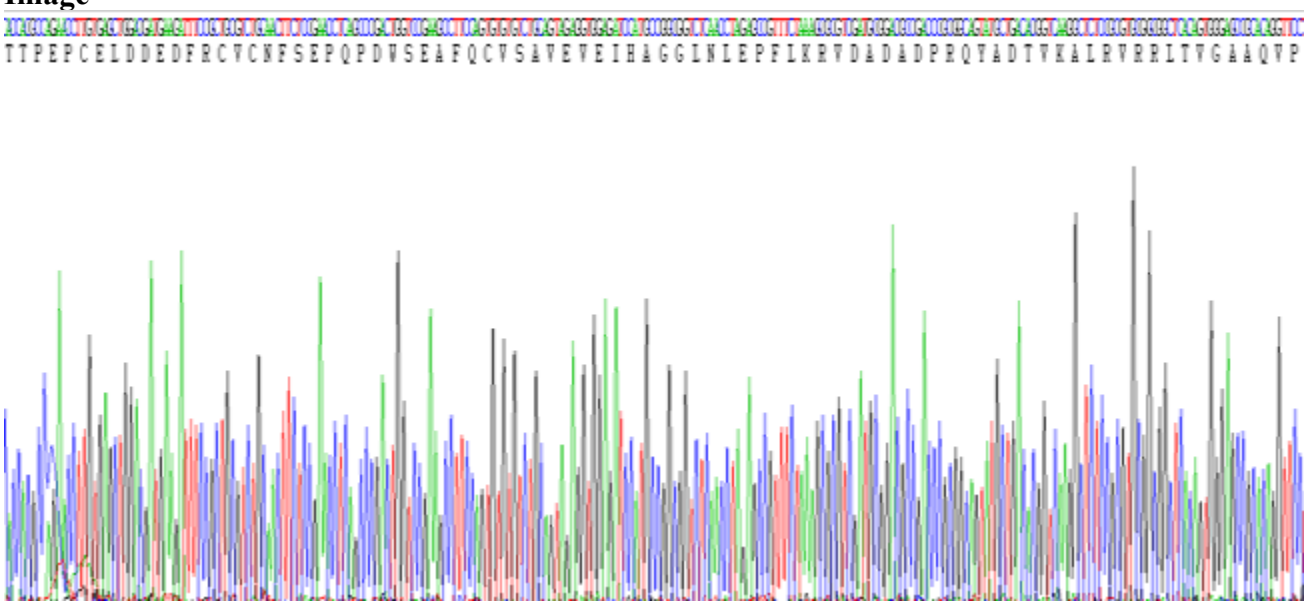

Figure. SDS-PAGE

[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.