

Recombinant Transferrin (TF) Instruction Manual

SIPC020Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	42.6kDa
Accurate Molecular Mass	41kDa(Analysis of differences refer to the manual)
Residues & Tags	Val361~Lys683 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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VKWCALSHHE RLKCDSESVN SVGKIECVSA ETTEDCIAKI  
MNGEADAMSL DGGFVYIAGK CGLVPVLAEN YNKSDNCEDT PEAGYFAIAV  
VKKSASDLTW DNLKGGKKSCH TAVGRTAGWN IPMGLLYNKI NHCRFDEFFS  
EGCAPGSKKD SSLCKLCMGS GLNLCEPNK EGYGYTGAF RCLVEKGDVA  
FVKHQVTPQN TGGKNPDPWA KNLNEKDYEL LCLDGTRKPV EYANCHLAR  
APNHAUVTRK DKEACVHKIL RQQQLFGSN VTDCSGNFCL FRSETKDLLF  
RDDTVCLAKL HDRNTYEKYL GEEYVKA VGN LRK
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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

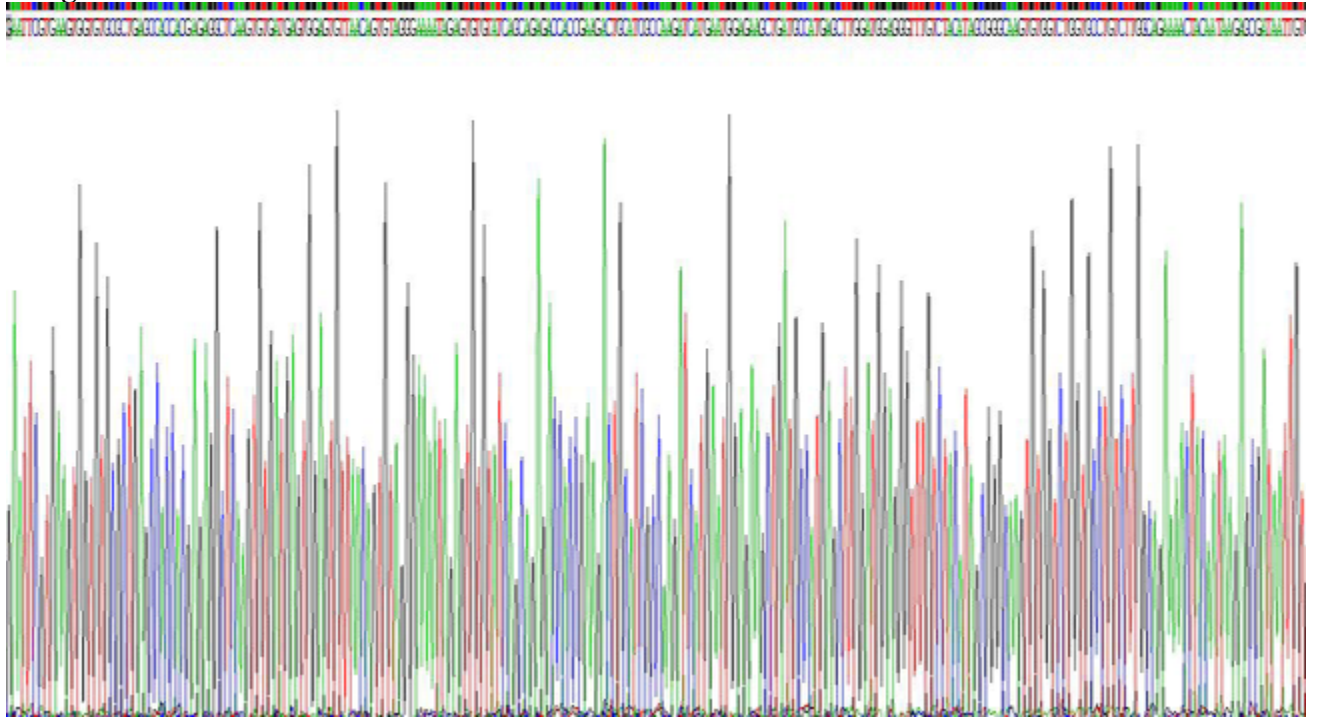


Figure . Gene Sequencing (extract)

Image

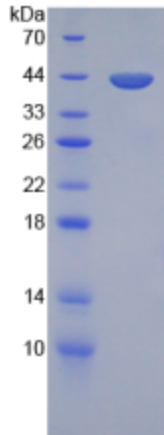


Figure. SDS-PAGE

[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.