

# Eukaryotic Transferrin Receptor (TFR) Instruction Manual

## SFPB407Hu62

**Homo sapiens (Human)**

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F cell
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Secreted
<b>Predicted Molecular Mass</b>	76.8kDa
<b>Accurate Molecular Mass</b>	80kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Cys89~Phe760 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	6.8
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
                                CK GVEPKTECER
LAGTESPVRE EPGEDFPAAR RLYWDDLKRR LSEKLDSTDF TGTIKLLNEN
SYVPREAGSQ KDENLALYVE NQFREFKLSK VWRDQHFVKI QVKDSAQNSV
IIVDKNGRLV YLVENPGGYV AYSKAATVTG KLVHANFGTK KDFEDLYTPV
NGSIVIVRAG KITFAEKVAN AESLNAIGVL IYMDQTKFPI VNAELFFGH
AHLGTGDPYT PGFPSFNHTQ FPPSRSSGLP NIPVQTISRA AAEKLFGNME
GDCPSDWKTD STCRMVTSSES KNVKLTVSNV LKEIKILNIF GVIKGFVEPD
HYVVVGAQRD AWGPGAASKG VGTALLLKLA QMFSDMVLKD GFQPSRSIIF
ASWSAGDFGS VGATEWLEGY LSSLHLKAFT YINLDKAVLG TSNFKVSASP
LLYTLIEKTM QNVKHPVTGQ FLYQDSNWS KVEKLTLDNA AFPFLAYSGI
PAVSFCFCED TDYPYLGTTM DTYKELIERI PELNKVARAA AEVAGQFVIK
LTHDVELNLD YERYNSQLLS FVRDLNQYRA DIKEMGLSLQ WLYSARGDFF
RATSRLTTDF GNAEKTRFV MKKLNDRVMR VEYHFLSPYV SPKESPFRHV
FWGSGSHTLP ALLENLKLKRR QNNGAFNETL FRNQLALATW TIQGAANALS
GDVWDIDNEF
```

## 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

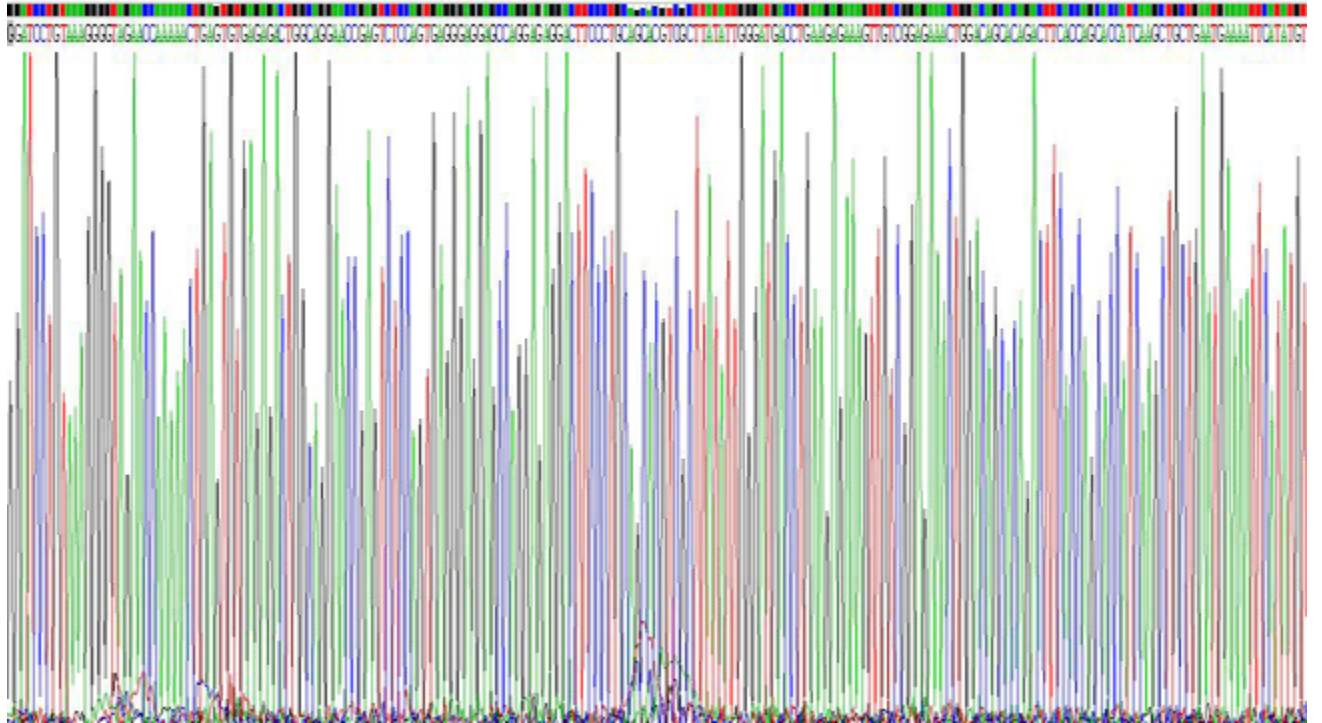


Figure. SDS-PAGE

**[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.