

Eukaryotic Leptin Receptor (LEPR) Instruction Manual

SFPA054Hu61

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	95.1kDa
Accurate Molecular Mass	95kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe22~Asp839 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	7.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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          FNLSYPITP WRFKLSCMPP NSTYDYFLLP
AGLSKNTSNS NGHJETAVEP KFNSSGTHFS NLSKTTFHCC FRSEQDRNCS
LCADNIEGKT FVSTVNSLVF QQIDANWNIQ CWLKGDLKLF ICYVESLFKN
LFRNYNYKVH LLYVLPEVLE DSPLVPQKGS FQMVHCNCSV HECCECLVPV
PTAKLNDTLL MCLKITSGGV IFQSPLMSVQ PINMVKPDPP LGLHMEITDD
GNLKISWSSP PLVPFPLQYQ VKYSENSTTV IREADKIVSA TSLLVDSILP
GSSYEVQVRG KRLDGPGIWS DWSTPRVFTT QDVIYFPPKI LTSVGSNVSF
HCIYKKENKI VPSKEIVWWM NLAEKIPQSQ YDVVSDHVSX VTFNLNKTK
PRGKFTYDAV YCCNEHECHH RYAELYVIDV NINISCETDG YLTKMTCRWS
TSTIQSLAES TLQLRYHRSS LYCSDIPSIH PISEPKDCYL QSDGFYECIF
QPIFLLSGYT MWIRINHSLG SLDSPPTCVL PDSVVKPLPP SSVKAEITIN
IGLLKISWEK PVFPENNLQF QIRYGLSGKE VQWKMYEVYD AKSKSVSLPV
PDLCAVYAVQ VRCKRDLGLG YWSNWSNPAY TVVMDIKVPM RGPEFWRIIN
GDTMKKEKNV TLLWKPLMKN DSLCSVQRYV INHHTSCNGT WSEVDGNHTK
FTFLWTEQAH TVTVLAINSI GASVANFNLT FSWPMSKVNI VQSL SAYPLN
SSCVIVSWIL SPSDYKLMYF IIEWKNLNED GEIKWLRISV SVKYYIHDH
FIPIEKYQFS LYPIFMEGVG KPKIINSFTQ DDIEKHQSD
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USAGE

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

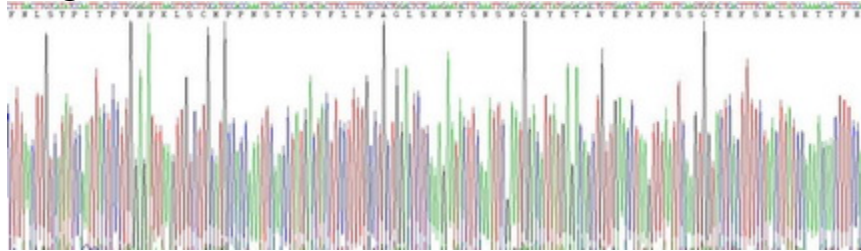
STORAGE

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



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.