SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Lactoferrin (LTF)

Catalog Number: SIPA172Cp01 **Spec: 50ug**

Product Name	Recombinant Lactoferrin (LTF)
Catalog Number	SIPA172Cp01
Organism Species	Goat
Source	Prokaryotic expression
Host	E.coli
Residues	Val25~Glu352
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Original Concentration	150μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.9
Predicted Molecular Mass	37.6kDa
Accurate Molecular Mass	37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

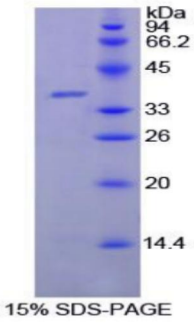
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

VRWCAI SLPEWSKCYQ WQRRMRKLGA
PSITCIRRTS ALECIRAIAG KNADAVTLDS GMVFEAGLDP YKLRPVAAEI
YGTEKSPQTH YYAVAVVKKG SNFQLDQLQG QKSCHMGLGR SAGWNIPVGI
LRPFLSWTES AEPLQGAVAR FFSASCVPCV DGKAYPNLCQ LCKGVGENKC
ACSSQEPYFG YSGAFKCLQD GAGDVAFVKE TTVFENLPEK ADRDQYELLC
LNNTRAPVDA FKECHLAQVP SHAVVARSVD GKENLIWELL RKAQEKFGKN
KSQSFQLFGS PEGRRDLLFK DSALGFVRIP SKVDSALYLG SRYLTALKNL
RE

[IDENTIFICATION]



15% 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.