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: SIPA172Ca01 **Spec: 50ug**

Product Name	Recombinant Lactoferrin (LTF)
Catalog Number	SIPA172Ca01
Organism Species	Dog
Source	Prokaryotic expression
Host	E.coli
Residues	Cys28~Lys351
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	1200μg/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	8.3
Predicted Molecular Mass	42.1kDa
Accurate Molecular Mass	42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) 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

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]

CTT SKAEAKKCSK FQVNMKKVGG
PIVSCTRKAS RQECIQAIKA NKADAVTLDG GLVFEAGLEP NKLRPIAAEV
YGTQTKQQIH YYAVAIAKKG TNFQLNQLQG VRSCHTGLGR SAGWNIPIGT
LRPFLNWTGP PEPLEEAVAK FFSASCVPCA DGKQYPNLCR LCAGTEQNKC
ACSSQEPYFG YSGAFKCLQD GAGDVAFVRD STVFENLPDK ADQDKYELLC
LNNTRKPVDA FKDCHLARVP SHAVVARSVG GKEDLIWRLL QKAQENFGKD
KSSAFQLFGS PSGEKDLLFK DSAIGFLRIP SNIDSELYLG FNYINAIQSL
K

[IDENTIFICATION]

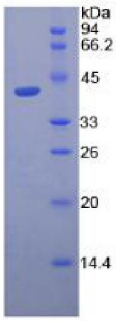


Figure. SDS-PAGE

[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.