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Recombinant Lactoferrin (LTF)

Catalog Number: SIPA172Bo01 **Spec: 100ug**

Product Name	Recombinant Lactoferrin (LTF)
Catalog Number	SIPA172Bo01
Organism Species	Cattle
Source	Prokaryotic expression
Host	E.coli
Residues	Val25~Glu352
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	250μg/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	9.2
Predicted Molecular Mass	40.4kDa
Accurate Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O 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]

VRWCTI SQPEWFKCRR WQWRMKKLGA PSITCVRRAF
ALECIRAIAE KKADAVTLDG GMVFEAGRDP YKLRPVAAEI YGTKESPQTH YYAVAVVKKG
SNFQLDQLQG RKSCHTGLGR SAGWIIPMGI LRPYLSWTES LEPLQGAVAK FFSASCVPCI
DRQAYPNLCQ LCKGEGENQC ACSSREPYFG YSGAFKCLQD GAGDVAFVKE TTVFENLPEK
ADRDQYELLC LNNSRAPVDA FKECHLAQVP SHAVVARSVD GKEDLIWKLL SKAQEKFGKN
KSRSFQLFGS PPGQRDLLFK DSALGFLRIP SKVDSALYLG SRYLTTLKNL RE

[IDENTIFICATION]

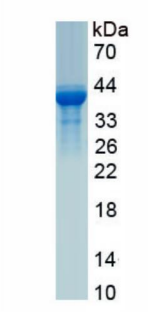


Figure. SDS-PAGE

[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.