SunLong Biotech Co.,LTD
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Recombinant Lactoferrin (LTF)

Catalog Number: SIPA172Po01 **Spec: 200ug**

Product Name	Recombinant Lactoferrin (LTF)
Catalog Number	SIPA172Po01
Organism Species	Pig
Source	Prokaryotic expression
Host	E.coli
Residues	Val25~Glu348
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	50μg/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	66.2kDa
Accurate Molecular Mass	66kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 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

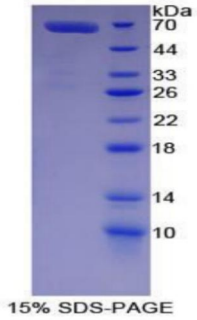
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

VRWCVI STAEYSKCRQ WQSKIRRTNP
MFCIRRASPT DCIRAIAAKR ADAVTLDGGL VFEADQYKLR PVAAEIYGTE
ENPQTYYYAV AVVKKGFNFQ LNQLQGRKSC HTGLGRSAGW NIPIGLLRRF
LDWAGPPEPL QKAVAKFFSQ SCVPCADGNA YPNLCQLCIG KGKDKCACSS
QEPYFGYSGA FNCLHKGIGD VAFVKESTVF ENLPQKADRD KYELLCPDNT
RKPVEAFREC HLARVPSHAV VARSVNGKEN SIWELLYQSQ KKFGKSNPQE
FQLFGSPGQQ KDLLFRDATI GFLKIPSKID SKLYLGLPYL TAIQGLRE

[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.