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

Recombinant Keratocan (KERA)

Catalog Number: SIPC145Bo01 **Spec: 10ug**

Product Name	Recombinant Keratocan (KERA)
Catalog Number	SIPC145Bo01
Organism Species	Cattle
Source	Prokaryotic expression
Host	E.coli
Residues	Arg21~Asn292
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	100μg
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	6.8
Predicted Molecular Mass	35.0kDa
Accurate Molecular Mass	35kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM 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

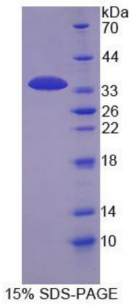
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

RSVRQVYEAS DPEDWTMHDF DCPRECFCPP
SFPTALYCEN RGLKEIPAIP SRIWYLYLEN NLIETIPEKP FENATQLRWI
NLNKNKITNY GIEKGALSQL KKLLFLFLED NELEEVPSPL PRSLEQLQLA
RNKVSRIPQG TFSNLENLTL LDLQHNKLLD NAFQRDTFKG LKNLMQLNMA
KNALRNMPPR LPANTMQVFL DNNSIEGIPE NYFNVIPKVA FLRLNHNKLS
DAGLPSSGFN VSSILDLQLS HNQLTKVPKI SAHLQHLHLD HN

[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.