

Keratocan (KERA) Recombinant Protein | KERA recombinant protein

Recombinant Keratocan (KERA)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA150711	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

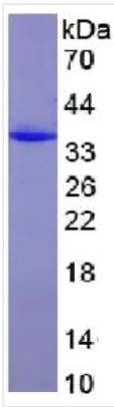
PRODUCT SYNONYMS

Keratocan (KERA); Recombinant Keratocan (KERA); Keratocan; CNA2; SLRR2B; Keratocan Proteoglycan; Keratan sulfate proteoglycan keratocan; KERA recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 800ug/mL (varies by lot)
Applicable Applications for KERA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His38~Pro335
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	8.2
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C 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 degree 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.

IMAGES



Sequence

MDPPTNLCYPPYPPHLLTNRNLCSTPLPCTPTVLLGRLLETPPPPPNLTLLPRLANRNTTPNLCISIALSLKLLPLPLRRLRPPPPPLPPLRGLGLARRVDRPPTTDLRLKLLGLRR
ELPLRANQPTTFCCLNGLNLRANALANRPPPLPNTNRLPLNRNCTCTPPTPTPTNPLLRNRLDGLPDRPTTCTLLGLGRNLTCTPPESGRLRLRNRCTPTPTDCTPTDPLKARRDS
PPTPTNRLKLLASRRCTPT

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for KERA recombinant protein	Ophthalmology & Otorhinolaryngology; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5901992
NCBI GeneID	11081
NCBI Accession #	NP_008966.1
NCBI GenBank Nucleotide #	NM_007035.3
UniProt Accession #	O60938
Molecular Weight	Predicted Molecular Mass: 37.9kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	keratocan
NCBI Official Synonym Full Names	keratocan
NCBI Official Symbol	KERA
NCBI Official Synonym Symbols	KTN; CNA2; SLRR2B
NCBI Protein Information	keratocan
UniProt Protein Name	Keratocan
UniProt Gene Name	KERA
UniProt Synonym Gene Names	SLRR2B; KTN
UniProt Entry Name	KERA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.