

Recombinant Human KERA Protein, His-tagged

Cat. No. KERA-2359H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KERA Protein (His38-Pro335) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His38-Pro335
Description	The protein encoded by this gene is a keratan sulfate proteoglycan that is involved in corneal transparency. Defects in this gene are a cause of autosomal recessive cornea plana 2 (CNA2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

KERA keratocan [Homo sapiens (human)]

Official Symbol

KERA

Synonyms

KERA; keratocan; CNA2; keratocan proteoglycan; SLRR2B; KTN; keratan sulfate proteoglycan keratocan;

Gene ID

11081

mRNA Refseq

NM_007035

Protein Refseq

NP_008966

MIM

603288

UniProt ID

O60938

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