

## Recombinant Human KERA Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KERA Protein (His38-Pro335) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	His38-Pro335
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 34.2 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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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