

Recombinant Human KRT18 Protein, His-tagged

Cat. No. KRT18-1075H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT18 Protein (Ser2-His430) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-His430
Description	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.6 kDa; Accurate Molecular Mass: 52 kDa
Purity	> 80%
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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

KRT18 keratin 18 [Homo sapiens (human)]

Official Symbol

KRT18

Synonyms

KRT18; keratin 18; K18; CK-18; CYK18; keratin, type I cytoskeletal 18; cell proliferation-inducing gene 46 protein; cytokeratin 18; keratin 18, type I

Gene ID

3875

mRNA Refseq

NM_000224

Protein Refseq

NP_000215

MIM

148070

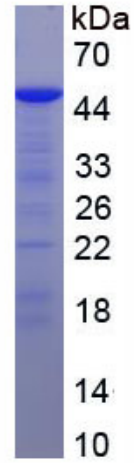
UniProt ID

P05783

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