

Recombinant Human KRT15 protein, His-tagged

Cat. No. KRT15-2721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT15 aa. (Val274~Leu399 (Accession # P19012)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val274~Leu399
Description	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.

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Applications	SDS-PAGE; WB; ELISA; IP.
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°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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

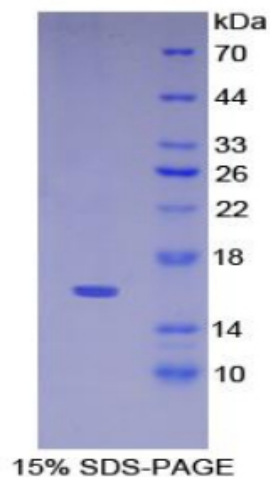
Gene Name	KRT15 keratin 15 [Homo sapiens (human)]
Official Symbol	KRT15
Synonyms	K15; CK15; K1CO; CK-15; cytokeratin 15; keratin 15, type I; keratin-15, basic; keratin-15, beta; type I cytoskeletal 15; keratin, type I cytoskeletal 15
Gene ID	3866
mRNA Refseq	NM_002275.3
Protein Refseq	NP_002266.2
UniProt ID	P19012

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SDS-PAGE



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