

Recombinant Human KRT23 protein, His & S-tagged

Cat. No. KRT23-1511H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT23 aa. (Asp243~Thr382 (Accession # Q9C075)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp243~Thr382
Description	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.3

GENE INFORMATION

Gene Name	KRT23 keratin 23 [Homo sapiens (human)]
Official Symbol	KRT23
Synonyms	KRT23; keratin 23; K23; CK23; HAIK1; keratin, type I cytoskeletal 23; CK-23; cytokeratin 23; histone deacetylase inducible keratin 23; hyperacetylation-inducible type I keratin; keratin 23 (histone deacetylase inducible); keratin 23, type I; type I intermediate filament cytokeratin
Gene ID	25984
mRNA Refseq	NM_001282433.1
Protein Refseq	NP_001269362.1

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UniProt ID

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