

Recombinant Rat Krt5 protein, His & S-tagged

Cat. No. Krt5-2693R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Krt5 aa. (Ile335~Glu473 (Accession # Q6P6Q2)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile335~Glu473
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
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.

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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.

GENE INFORMATION

Gene Name	Krt5 keratin 5 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Krt5
Synonyms	Sak57; Krt2-5; CK-5; K5; cytokeratin-5; keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types); keratin 5, type II; keratin complex 2, basic, gene 5; krt5; type-II keratin Kb5; keratin, type II cytoskeletal 5
Gene ID	369017
mRNA Refseq	NM_183333.1
Protein Refseq	NP_899162.1
UniProt ID	Q6P6Q2