

Recombinant Rat Krt7 protein, His & S-tagged

Cat. No. Krt7-2799R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Krt7 aa. (Gln394~Asn457 (Accession # Q6IG12)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln394~Asn457
Form	Freeze-dried powder
Molecular Mass	12kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
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	Krt7 keratin 7 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Krt7
Synonyms	Krt2-7; CK-7; K7; cytokeratin-7; keratin 7, type II; keratin complex 2, basic, gene 7; type-II keratin Kb7; keratin, type II cytoskeletal 7
Gene ID	300242
mRNA Refseq	NM_001047870.1
Protein Refseq	NP_001041335.1
UniProt ID	Q6IG12

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