

Recombinant Rat Krt4 protein, His & S-tagged

Cat. No. Krt4-2695R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Krt4 aa. (Ile317~Glu454 (Accession # Q6IG00)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile317~Glu454
Form	Freeze-dried powder
Molecular Mass	22 kDa 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	Krt4 keratin 4 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Krt4
Synonyms	Kb4; CK-4; K4; cytokeratin-4; keratin 4, type II; type-II keratin Kb4; keratin, type II cytoskeletal 4
Gene ID	315323
mRNA Refseq	NM_001008806.1
Protein Refseq	NP_001008806.1
UniProt ID	Q6IG00

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