Recombinant Rat Krt12 protein, His-tagged

Cat. No. Krt12-2758R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Krt12 aa. (Asp398~Met456) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp398~Met456
Form	Freeze-dried powder
Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 4.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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.

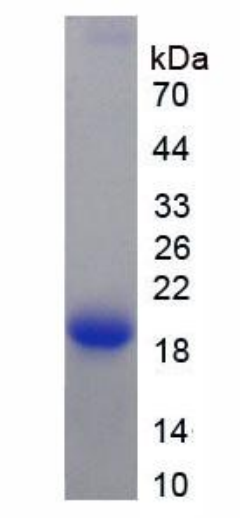
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	Krt12 keratin 12 [Rattus norvegicus (Norway rat)]
Official Symbol	Krt12
Synonyms	Ka12; Krt1-12; CK-12; K12; cytokeratin-12; keratin 12 (Meesmann corneal dystrophy); keratin 12, type I; keratin K12; keratin complex 1, acidic, gene 12; type I keratin KA12; keratin, type I cytoskeletal 12
Gene ID	360625
mRNA Refseq	NM_001008761.1
Protein Refseq	NP_001008761.1
UniProt ID	Q6IFW5

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SDS-PAGE	

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