

## Recombinant Mouse Krt5 protein, His-tagged

Cat. No. Krt5-2692M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Krt5 aa. (Arg163~Glu471) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg163~Glu471
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	33kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>92%
<b>Characteristic</b>	The isoelectric point is 5.3.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
<b>Stability</b>	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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

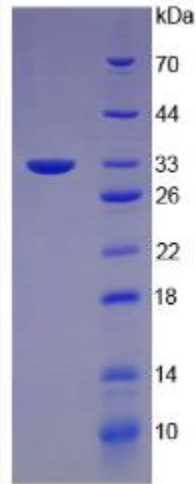
<b>Gene Name</b>	<a href="#">Krt5 keratin 5 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Krt5</a>
<b>Synonyms</b>	K5; CK5; Tfp8; Krt2-5; AW146334; 3300001P10Rik; 58 kDa cytokeratin; CK-5; cytokeratin 5; keratin complex 2, basic, gene 5; krt5; tuftelin interacting protein 8; type-II keratin Kb5; keratin, type II cytoskeletal 5
<b>Gene ID</b>	<a href="#">110308</a>
<b>mRNA Refseq</b>	<a href="#">NM_027011.2</a>
<b>Protein Refseq</b>	<a href="#">NP_081287.1</a>
<b>UniProt ID</b>	<a href="#">Q922U2</a>

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**SDS-PAGE**



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