

Recombinant Mouse Krt71 protein, His-tagged

Cat. No. Krt71-1433M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Krt71 aa. (Arg132~Glu440 (Accession # Q9R0H5)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg132~Glu440
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

5.4

GENE INFORMATION

Gene Name

[Krt71 keratin 71 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Krt71](#)

Synonyms

Krt71; keratin 71; Ca; Cu; Cal4; mK6irs; Krt2-6g; mK6irs1; AA589543; keratin, type II cytoskeletal 71; CK-6G; CK-71; K6G; K71; caracul; cytokeratin-6G; cytokeratin-71; keratin complex 2, basic, gene 6g; keratin complex 2, gene 6g; keratin-6G; mK6irs1/Krt2-6g; type II inner root sheath-specific keratin-K6irs1; type-II keratin Kb34

Gene ID

[56735](#)

mRNA Refseq

[NM_019956.1](#)

Protein Refseq

[NP_064340.1](#)

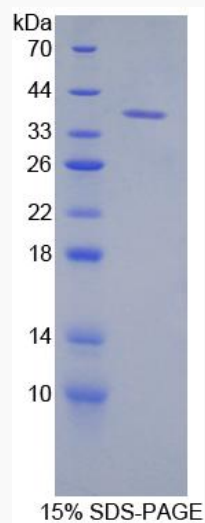
UniProt ID

[Q9R0H5](#)

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SDS-PAGE

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