

Recombinant Mouse Krt20 protein, His-tagged

Cat. No. Krt20-5854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Krt20 aa. (Asp2~Val431 (Accession # Q9D312)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp2~Val431
Description	This gene encodes a member of the keratin protein family and is found within a cluster of cytokeratin genes on chromosome 11. Keratins are cytoskeletal proteins that are preferentially expressed in epithelial cells. The encoded protein may help maintain intermediate filament organization in intestinal epithelium. Phosphorylation of this protein may also influence mucin secretion in the small intestine.
Form	Freeze-dried powder
Molecular Mass	50 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 5.6.

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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 -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	Krt20 keratin 20 [Mus musculus (house mouse)]
Official Symbol	Krt20
Synonyms	K20; Ck20; Ck-20; Krt21; 9030623C06Rik; cytokeratin 20; keratin, type I cytoskeletal 20
Gene ID	66809
mRNA Refseq	NM_023256.2
Protein Refseq	NP_075745.1
UniProt ID	Q9D312

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