

## Recombinant Human KRT20, His-tagged

**Cat. No.** KRT20-7260H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human KRT20 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>description</b>	KRT20 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. KRT20 is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa.
<b>source</b>	E. coli
<b>species</b>	Human
<b>tag</b>	His
<b>form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>molecular mass</b>	50.9 kDa (447aa)
<b>aa sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMDFSRRS FHRSLSSSLQ APVVSTVGMQ

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RLGTTSPVYG GAGGRGIRIS NSRHTVNYGS DLTGGGDLFVGNEKMAMQNL  
 NDRLASYLEK VRTLEQSNSK LEVQIKQWYE TNAPRAGRDY SAYYRQIEEL  
 RSQIKDAQLQ NARCVLQIDN AKLAAEDFRL KYETERGIRL TVEADLQGLN  
 KVFDLTLHK TDLEIQIEEL NKDLALLKKE HQEEVDGLHK HLGNTVNVEV  
 DAAPGLNLGV IMNEMRQKYEVMAQKNLQEA KEQFERQTAV LQQQVTVNTE  
 ELKGTEVQLT ELRRTSQSLE IELQSHLSMK ESLEHTLEET KARYSSQLAN  
 LQSLSSLEA QLMQIRSNME RQNNEYHILL DIKTRLEQEI ATYRRLEGE  
 DVKTTEYQLS TLEERDIKKT RKIKTVVQEV VDGKVVSSSEV KEVEENI

**purity** >85% by SDS - PAGE

**applications** SDS-PAGE

**storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**concentration** 0.5 mg/ml

## GENE INFORMATION

**gene name** [KRT20 keratin 20 \[ Homo sapiens \]](#)

**official symbol** KRT20

**synonyms** KRT20; keratin 20; keratin, type I cytoskeletal 20; CK20; K20; MGC35423; keratin-20; protein IT; cytokeratin 20; cytokeratin-20; CD20; CK-20; KRT21;

**Gene ID** [54474](#)

**mrna refseq** [NM\\_019010](#)

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<b>protein refseq</b>	NP_061883
<b>mim</b>	608218
<b>uniprot id</b>	P35900
<b>chromosome location</b>	17q21.2
<b>function</b>	protein binding; structural constituent of cytoskeleton;

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