Recombinant Full Length Human KRT20 Protein, GST-tagged

Cat. No. KRT20-5933HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT20 full-length ORF (AAH31559, 1 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	424 amino acids
Description	The protein encoded by this gene 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. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq
Molecular Mass	72.38 kDa
AA Sequence	MDFSRRSFHRSLSSSLQAPVVSTVGMQRLGTTPSVYGGAGGRGIRISNSRHTVNYG SDLTGGGDLFVGNEKMAMQNLNDRLASYLEKVRTLEQSNSKLEVQIKQWYETNAP RAGRDYSAYYRQIEELRSQIKDAQLQNARCVLQIDNAKLAAEDFRLKYETERGIRLTV EADLQGLNKVFDDLTLHKTDLEIQIEELNKDLALLKKEHQEEVDGLHKHLGNTVNVEV DAAPGLNLGVIMNEMRQKYEVMAQKNLQEAKEQFERQTAVLQQQVTVNTEELKGT EVQLTELRRTSQSLEIELQSHLSMKESLEHTLEETKARYSSQLANLQSLLSSLEAQLM

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	QIRSNMERQNNEYHILLDIKTRLEQEIATYRRLLEGEDVKTTEYQLSTLEERDIKKTRK IKTVVQEVVDGKVVSSEVKEVEENI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
Protein Refseq	NP_061883
MIM	608218

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UniProt ID	P35900

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