

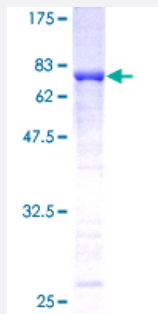
Full-Length

KRT20 (Human) Recombinant Protein (P01)

Catalog # H00054474-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KRT20 full-length ORF (AAH31559, 1 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDFSRRSFHRSLSSSLQAPVVSTVGMQRLGTTSPVYGGAGGRGIRISNSRHTVNYGSDLTGGGD
LFVGNKEMAMQNLNDRLASYLEKVRTLQSNKLEVQIKQWYETNAPRAGRDYSAYRQIEELRS
QIKDAQLQNARCVLQIDNAKLAAEDFRLKYETERGIRLTVEADLQGLNKVFDDLTLHKTDLEIQIEEL
NKDLALLKKEHQEEVDGLHKHLGNTVNVEVDAAPGLNLGVIMNEMRQKYEVMAQKNLQEAEQ
FERQTAVLQQQVTVNTEELKGTEVQLTELRRTSQSLEIELQSHLSMKESLEHTLEETKARYSSQLA
NLQSLSSLEAQLMQIRSNMERQNNEYHILLDIKTRLEQEIATYRRLLEGEDVKTEYQLSTLEERDI
KKTRKIKTVVQEVVDGKVSSEVKEVEENI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.38

Interspecies Antigen Sequence

Mouse (78); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KRT20

Entrez GeneID	54474
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GeneBank Accession#	BC031559
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Protein Accession#	AAH31559
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Gene Name	KRT20
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Gene Alias	CD20, CK20, K20, KRT21, MGC35423
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Gene Description	keratin 20
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Omim ID	608218
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	cytokeratin 20 keratin, type I cytoskeletal 20
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Disease

- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)