

Cytokeratin 20, CK20 Recombinant Protein | CK20 recombinant protein

Cytokeratin 20, CK20 Protein (Active)

CATALOG # AAA59082	HOST E Coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

Cytokeratin 20; CK20; CK20 Protein (Active); Keratin type I cytoskeletal 20; Cytokeratin-20; CK-20; Keratin-20; K20; KRT20; CK20 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for CK20 recombinant protein	SDS-PAGE, ELISA
Storage buffer	Each vial contains Tris-HCL (pH7.4 ± 0.2) with 0.2% sodium azide.
Preparation and Storage	Store at -20 degree C or -80 degree C for long term. Avoid repeated freeze and thaw cycles

ADDITIONAL INFORMATION

Related Product Information for CK20 recombinant protein	Recombinant full length human Cytokeratin 20 protein with molecular weight 46.6 kDa. Keratin 20, also called Cytokeratin 20, CK20, is a protein that in humans is encoded by the KRT20 gene. KRT20 has an apparent molecular mass of about 46 kD. It is a type I cytokeratin. It is a major cellular protein of mature enterocytes and goblet cells and is specifically found in the gastric and intestinal mucosa. KRT20 formed heterotypic complexes with KRT8 in vitro, and the complexes assembled into intermediate filaments under appropriate conditions. The protein is commonly found in colorectal cancer, transitional cell carcinomas and in Merkel cell tumours, but is absent in lung cancer, prostate cancer, and non-mucinous ovarian cancer. It is often used in combination with antibodies to CK7 to distinguish different types of glandular tumour.
References	1. Moll R, Schiller DL, Franke WW (August 1990). "Identification of protein IT of the intestinal cytoskeleton as a novel type I cytokeratin with unusual properties and expression patterns". J. Cell Biol. 111 (2): 567-80. 2. Moll, R., Schiller, D. L., Franke, W. W. Identification of protein IT of the intestinal cytoskeleton as a novel type I cytokeratin with unusual properties and expression patterns. J. Cell Biol. 111: 567-580, 1990. 3. Leong, Anthony S-Y; Cooper, Kumarason; Leong, F Joel W-M (2003). Manual of Diagnostic Cytology (2 ed.). Greenwich Medical Media, Ltd. pp. 171-172.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cytokeratin-20-ck20-recombinant-protein-e-coli-sds-page-elisa/59082>