

Cytokeratin 18, CK18 Recombinant Protein | CK18 recombinant protein

Cytokeratin 18, CK18 Protein (Active)

CATALOG # AAA59092	HOST E Coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

Cytokeratin 18; CK18; CK18 Protein (Active); Keratin type I cytoskeletal 18; Cell proliferation-including gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18; KRT18; CYK18; PIG46; CK18 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid; Each vial contains Tris-HCL (pH7.4 ± 0.2) with 0.2% sodium azide.
Concentration	1.6mg/mL (varies by lot)
Applicable Applications for CK18 recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Upon receipt, aliquot and store at -20°C or -80°C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CK18 recombinant protein	Recombinant full length human Cytokeratin 8 protein with molecular weight 53 kDa. Background: Cytokeratin 18, also known as keratin 18 (K18), is a type I cytoke- ratin. The K18 gene is 3791 bp in length and the K18 protein is coded for by seven exons. Keratin 18 is often used together with keratin 8 and keratin 19 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood. Keratin 8 and 18 (K8/18) are the major components of intermediate filament (IF) proteins of simple or single-layered epithelia.
References	1. Kulesh, D. A., Oshima, R. G. Complete structure of the gene for human keratin 18. Genomics 4: 339-347, 1989. 2. W. Jeffrey Allard, Jeri Matera, M. Craig Miller, et al. (October 2004). "Tumor Cells Circulate in the Peripheral Blood of All Major Carcinomas but not in Healthy Subjects or Patients With Nonmalignant Diseases". Clin. Cancer Research 10 (20): 6897-6904. 3. Inada, H; Izawa I, Nishizawa M, Fujita E, Kiyono T, Takahashi T, Momoi T, Inagaki M (Oct. 2001). "Keratin attenuates tumor necrosis factor-induced cytotoxicity through association with TRADD". J. Cell Biol. (United States) 155 (3): 415-26.

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-18-ck18-recombinant-protein-e-coli-sds-page-elisa/59092>