

Cytokeratin 8, CK8 Recombinant Protein | CK8 recombinant protein

Keratin type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, KRT8, CK8

CATALOG # AAA59090	HOST E Coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

Cytokeratin 8; CK8; Keratin type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; KRT8; CK8 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 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for CK8 recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Ship at 4 degree C. Upon receipt, aliquot and store at -20 degree C or -80 degree C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CK8 recombinant protein	Recombinant full length human Cytokeratin 8 protein with molecular weight 53 kDa. Keratin, type II cytoskeletal 8 also known as cytokeratin-8 (CK-8) or keratin-8 (K8) is a keratin protein that in human is encoded by the KRT8 gene. CK8 gene contains 8 exons instead of 9 as is found in all other type II cytokeratins due to lack of intron 5, and the gene spans over 8.8 kb. The soluble depolymerized K8 subunits were phosphorylated on ser73 by c-Jun N-terminal kinase upon stimulation of the proapoptotic cytokine receptor Fas in colon carcinoma cells. K8 was also phosphorylated following exposure to ultraviolet light. Keratin 8 is often used together with keratin 18 and keratin 19 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.
References	1. Krauss, S., Franke, W. W. Organization and sequence of the human gene encoding cytokeratin 8. Gene 86: 241-249, 1990. 2. He, T., Stepulak, A., Holmstrom, T. H., Omary, M. B., Eriksson, J. E. The intermediate filament protein kinase 8 is a novel cytoplasmic substrate for c-Jun N-terminal kinase. J. Biol. Chem. 277: 10767-10774, 2002. 3. 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.

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-8-ck8-recombinant-protein-e-coli-sds-page-elisa/59090>