

Cytokeratin Fragment Antigen 21-1 Recombinant Protein | CYFRA21-1 recombinant protein

Recombinant Human Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) Protein

CATALOG #
AAA55765

HOST
E Coli

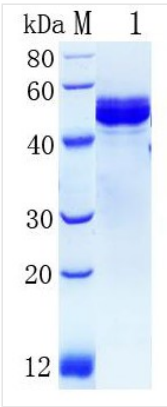
PRODUCT SYNONYMS

Cytokeratin Fragment Antigen 21-1; Recombinant Human Cytokeratin Fragment Antigen 21-1 (CYFRA21-1) Protein; K1C19_HUMAN; Keratin; typeIcytoskeletal19; Cytokeratin-19; CK-19; Keratin-19; K19; CYFRA21-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	Supplied as a 0.2 um filtered solution of 20mM Tris-Hcl, 15% Trehalose, 50 mM NaCl, 2mM EDTA, 10% Glycerol, 0.05% Tween80, pH 8.0
Concentration	2.14 mg/mL (varies by lot)
Sequence Positions	1-400
Sequence	MTSYSYRQSS ATSSFGGLGG GSVRFGPGVA FRAPSIHGGG GGRGVSVSSA RFVSSSSSGG YGGGYGGVLT ASDGLLAGNE KLTMQNLRND LASYLKDVRA LEAANGELEV KIRDWYQKQG PGPSRDYSHY YTTIQDLRDK ILGATIENSR IVLQIDNARL AADDFRKFE TEQALRMSVE ADINGLRRVL DELTLARTDL EMQIEGLKEE LAYLKKNHEE EISTLRGQVG GQVSVEVDSA PGTDLAKILS DMRSQYEVMA EQNRKDAEAW FTSRTEELNR EVAGHTEQLQ MSRSEVTDLR RTLQGLEIEL QSQLSMKAAL EDTLAETEAR FGAQLAHIQA LISGIEAQLG DVRADSERQN QEYQRLMDIK SRLEQEIATY RSLLEGQEDH YNNLSASKVL
Source	Human
Tag Information	with 6*His tagged.
Protein Residues	With N-Terminal 6*His tagged
Usage	CYFRA21-1 Protein - We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles.** The recombinant protein is stable for long term from date of receipt at -20°C / -80°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CYFRA21-1 recombinant protein	Cytokeratin19 Fragment Antigen 21-1(CYFRA21-1) belongs to a family of 20 related polypeptides that are constituents of the intermediate filaments of epithelial cells. Of these CK19 is the most frequently expressed cytokeratin endometrial cancer. CYFRA21-1 is a common tumor marker of lung cancer,non-small-cell cancer, small cell carcinoma and squamous cell carcinoma. For breast cancer, CYFRA21-1 may be comparable to the sensitivity and specificity of CA153. Measured jointly with any of the tumor markers as CEA, SCCA, NSE, can increase the sensitivity. Other as bladder cancer, nasopharyngeal cancer, ovarian cancer, gastrointestinal cancer, and also have certain positive rate. CYFRA21-1 in hepatitis, pancreatitis, pneumonia, benign prostatic hyperplasia may also be increased.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P08727
Molecular Weight	Predicted MW: 46.3 kDa Observed MW: 40-50 kDa

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-fragment-antigen-21-1-recombinant-protein-e-coli/55765>