

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

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

CATALOG #
AAA13292

HOST
E. coli

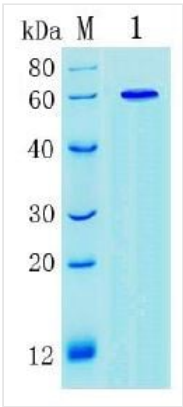
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 85 % as determined by SDS-PAGE.
Form/Format	58 mM NaH ₂ PO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 300 mM Imidazole, pH 8.0, Trehalose (5-8%) and mannitol (5-8%) protectants were added before lyophilization.
Concentration	0.4 mg/mL (varies by lot)
Sequence Positions	80-400
Sequence	EKLTMQNLND RLASYLDKVR ALEAANGELE VKIRDWYQKQ GPGPSRDYSH YYTTIQDLRD KILGATIENS RIVLQIDNAR LAADDFRTKF ETEQALRMSV EADINGLRRV LDELTARTD LEMQIEGLKE ELAYLKKNHE EEISTLRGQV GGQVSVEVDS APGTDLAKIL SDMRSQYEVN AEQNRKDAEA WFTSRTEELN REVAGHTEQL QMSRSEVTDL RRTLQGLEIE LQSQLSMKAA LEDTLAETEA RFGAQLAHIQ ALISGIEAQL GDVRADSERQ NQEQRLMDI KSRLEQEIAT YRSLLLEGQED HYNNLASASKV L
Source	Human
Usage	CYFRA21-1 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Protein Residues	N-terminal GST
Preparation and Storage	Store it under sterile conditions at -20°C upon receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. Stability: The recombinant protein is stable for up to 6 months from date of receipt at -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

NCBI GI #	24234699
NCBI GeneID	3880
NCBI Accession #	NP_002267.2
NCBI GenBank Nucleotide #	NM_002276.4
UniProt Accession #	P08727; Q5XG83; Q6NW33; Q7L5M9; Q96A53; Q96FV1; Q9BYF9; Q9P1Y4; B2R874
Molecular Weight	Predicted MW: 62 kDa Observed MW: 62 kDa
NCBI Official Full Name	keratin, type I cytoskeletal 19
NCBI Official Synonym Full Names	keratin 19
NCBI Official Symbol	KRT19
NCBI Official Synonym Symbols	K19; CK19; K1CS
NCBI Protein Information	keratin, type I cytoskeletal 19
UniProt Protein Name	Keratin, type I cytoskeletal 19
UniProt Gene Name	KRT19
UniProt Synonym Gene Names	CK-19; K19
UniProt Entry Name	K1C19_HUMAN

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.

