

Recombinant Human Cytokeratin-18 , His-tagged

Cat. No. KRT18-266H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human human CK-18 is expressed in E. coli with an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
Description	Tissue polypeptide specific antigen was first identified as a tumour marker in the late 1950's, and has recently been shown to be closely related to human cytokeratin 18. Cytokeratins are a group of about 20 cytoskeletal proteins, whose degradation gives rise to soluble fragments, measurable in the blood of patients. Serum levels are high in breast cancer patients and also some other malignancies, probably due to high cell turnover in tumours.
Purity	>95% by SDS-PAGE
Form	Liquid
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

GENE INFORMATION

Gene Name [KRT18 keratin 18 \[Homo sapiens \]](#)

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Synonyms	KRT18; CYK18; K18; KRT18; keratin 18; cytokeratin 18; cell proliferation-inducing protein 46; CK-18; Cytokeratin-18; Keratin-18; Cell proliferation-inducing gene 46 protein.
Gene ID	3875
mRNA Refseq	NM_000224
Protein Refseq	NP_000215
MIM	148070
UniProt ID	P05783
Chromosome Location	12q13
Pathway	Cell Communication; Pathogenic Escherichia coli infection – EHEC; Pathogenic Escherichia coli infection - EPEC
Function	protein binding; structural molecule activity

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