
Cytokeratin-18

Human, Recombinant, *E. coli*

Cat. No.: RCP9215

Size: 10µg

Synonym:

CK-18, Keratin 18

Description:

Tissue polypeptide specific antigen was first identified as a tumour marker in the late 1950's, but 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.

RANDOX recombinant CK-18 comprises a 430 amino acid fragment (1-430) corresponding to the mature CK-18 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form:

Liquid.

Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity:

Single band on Western blot.

References:
68(1): 9-19.

D'Alessandro, R. *et al.* (2001) *Breast Cancer Res. Treat.*