

# Human KRT18 Recombinant Protein



RPPB3817

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## Product Information    Protein Information

**Product SKU:**

RPPB3817

**Accession:**

P05783

**Host:**

Escherichia Coli.

**Protein description:**

Cytokeratin 18 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain having a calculated molecular mass of 48,201 Dalton, showing a 45kDa band on SDS-page, pI-5.7. The KRT18 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Keratin type I cytoskeletal 18, Cytokeratin-18, CK-18, Keratin-18, K18, KRT18, CYK18, Cell proliferation-inducing gene 46 protein.

**Formulation:**

The protein (1mg/ml) was lyophilized from a sterile solution containing 30mM Tris-HCl pH-8, 9.5M urea, 2mM EDTA, 2mM DTT and 10mM methylammonium chloride.

**Purity:**

Greater than 95.0% as determined by analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized 1mg CK-18 in sterile 18MΩ-cm H<sub>2</sub>O not less than 700μl, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized CK-18 although stable at room temperature for 3 weeks, should be stored between 2-8°C. Upon reconstitution CK-18 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.