

# Human KRT8 Recombinant Protein



RPPB3823

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## Product Information    Protein Information

**Product SKU:**

RPPB3823

**Accession:**

P05787

**Host:**

Escherichia Coli.

**Protein description:**

Cytokeratin 8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 53,532 Dalton. The KRT8 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Keratin type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, KRT8, CYK8, KO, CK8, K2C8, CARD2.

**Formulation:**

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

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized KRT8 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized KRT8 although stable at room temperature for 3 weeks, should be stored at 2-8°C. Upon reconstitution KRT8 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.