

Human KRT14 Recombinant Protein



RPPB3813

Product Information Protein Information

Product SKU:

RPPB3813

Accession:

P02533

Host:

Escherichia Coli.

Protein description:

Cytokeratin 14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 51,530 Dalton. The KRT14 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Keratin, type I cytoskeletal 14, Cytokeratin-14, CK-14, Keratin-14, K14, KRT14, NFJ, CK14, EBS3, EBS4.

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 SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CK-14 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized KRT14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution KRT14 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.