

## KRT18 Human, His

**Description:** KRT18 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain having a calculated molecular mass of 52.42kDa. The KRT18 is fused to a His Tag at N-terminus and purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-491

For research use only.

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

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The KRT18 protein solution (0.8mg/ml) contains 20mM Tris pH 8, 5mM EDTA and 50% glycerol.

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.

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