



Product Datasheet

Product Name	Cytokeratin 18 Human Recombinant , His Tag
Cata No	CB501100
Source	<i>Escherichia Coli.</i>
Synonyms	Keratin type I cytoskeletal 18, Cytokeratin-18, CK-18, Keratin-18, K18, KRT18,CYK18,Cell proliferation-inducing gene 46 protein.

Description

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.

KRT18 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain having a calculated molecular mass of 51.6 kDa.

The KRT18 is fused to His Tag at N-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered colorless solution.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Formulation

The KRT18 protein solution contains 20mM Tris HCL pH=8, 0.5mM DTT 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.