
Product Data Sheet

Product Name: KRT18 Human, His
Cat. No.: GP23774
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Keratin type I cytoskeletal 18; Cytokeratin-18; CK-18; Keratin-18; K18; KRT18;CYK18;Cell proliferation-inducing gene 46 protein.		
Formulation	The KRT18 protein solution (0.8mg/ml) contains 20mM Tris pH 8, 5mM EDTA and 50% glycerol.		

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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