

Recombinant Human KRT18 protein, His-tagged

Cat. No. KRT18-12H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT18, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	47.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	KRT18 keratin 18 [Homo sapiens]
Official Symbol	KRT18
Synonyms	KRT18; keratin 18; keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein; K18; CYK18;
Gene ID	3875
mRNA Refseq	NM_000224
Protein Refseq	NP_000215
MIM	148070
UniProt ID	P05783
Chromosome Location	12q13
Pathway	Caspase cascade in apoptosis, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem;
Function	protein binding; structural molecule activity;

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