

Recombinant Full Length Human KRT18 Protein, GST-tagged

Cat. No. KRT18-5928HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT18 full-length ORF (AAH20982, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	430 amino acids
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. [provided by RefSeq]
Molecular Mass	72.82 kDa
AA Sequence	MSFTTRSTFSTNYRSLGSVQAPSYGARPVSSAASVYAGAGGSGSRISVSRSTSFRG GMGSGGLATGIAGGLAGMGGIQNEKETMQSLNDRLASYLDRVRSLETENRRLESKI REHLEKKGPQVRDWSHYFKIIEDLRAQIFANTVDNARIVLQIDNARLAADDFRVKYET ELAMRQSVENDIHGLRKVIDDTNITRLQLETEIEALKEELLFMKNHEEEVKGLQAQIA SSGLTVEVDAPKSQDLAKIMADIRAQYDELARKNREELDKYWSQQIEESTTVVTTQS AEVGAAETTLTELRRTVQSLEIDLDSMRNLKASLENSLREVEARYALQMEQLNGILLH LESELAQTRAEGQRQAQEQYEALLNIKVKLEAEIATYRRLLLEDGEDFNLGDALDSSNS

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	MQTIQKTTTTRIVDGKVVSETNDTKVLRH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
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

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