

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	MSFTTRSTFSTNYRSLGSGVQAPSYGARPVSSAASVYAGAGGSGSRISVSRSTSFRTG GMGSGGLATGIAGGLAGMGGIQNEKETMQSLNDRLASYLDRVRSLETENRRLESKI REHLEKKGPPQVRDWSHYFKIIEDLRAQIFANTVDNARIVLQIDNARLAADDFRVKYET ELAMRQSVENDIHGLRKVIDDTNITRLQLETEIEALKEELLFMKNHEEEVKGLQAQIA SSGLTVEVDAPKSQDLAKIMADIRAQYDELARKNREELDKYWSQQIEESTTVVTTQS AEVGAAETTLTELRRTVQSLEIDLDSMRNLKASLENSLREVEARYALQMEQLNGILLH LESELAQTRAEGQRQAQEQYEALLNIKVKLEAEIATYRRLLLEDGEDFNLDALDSSNS

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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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UniProt ID

P05783

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