

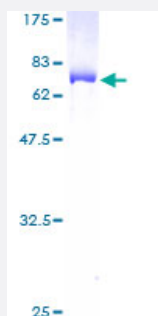
Full-Length

KRT18 (Human) Recombinant Protein (P02)

Catalog # H00003875-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KRT18 full-length ORF (AAH00180, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSFTTRSTFSTNYRSLGSVQAPSYGARSVSSAASVYAGAGGSGSRISVSRSTSFRGGMGSGGLA
TGIAGGLAGMGGIQNEKETMQSLNDRPASYLDRVRSLETENRRLESKIREHLEKKGPQVRDWSHY
FKIIEDLRAQIFANTVDNARVLQIDNARLAADDFRVKYETELAMRQSVENDIHGLRKVIDDTNITRLQ
LETEIEALKEELLFMKKNHEEEVKGLQAQIASSGLTVEVDAPKSQDLAKIMADIRAQYDELARKNR
EELDKYWSQQIEESTTVVTTQSAEVGAAETTLTELRRTVQSLEIDLDSMRNLKASLENSLREVEAR
YALQMEQLNGILLHLESELAQTRAEGQRQAQEQEYALLNIKVKLEAEIATYRRLLEDGEDFNLGDALD
SSNSMQTIQKTTTTRRVDGKVVSETNDTKVLRV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.82

Interspecies Antigen Sequence

Mouse (85); Rat (83)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KRT18

Entrez GeneID	3875
GeneBank Accession#	BC000180
Protein Accession#	AAH00180
Gene Name	KRT18
Gene Alias	CYK18, K18
Gene Description	keratin 18
Omim ID	148070 215600
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	cell proliferation-inducing protein 46 cytokeratin 18

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Liver Failure](#)