

# Recombinant Full Length Human KRT79 Protein, GST-tagged

**Cat. No.** KRT79-6094HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human KRT79 full-length ORF ( NP_787028.1, 1 a.a. - 535 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 535 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene encodes an epithelial keratin that is expressed in skeletal muscle, skin and scalp. The type II keratins are clustered in a region of chromosome 12q13                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 84.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MRSSVSRQTYSTKGGFSSNSASGGSGSQARTSFSSVTVSRSSGSGGGAHCGPGT<br>GGFGSRSLYNLGGHKSISVSVAGGALLGRALGGFGFSRAFMGQGAGRQTFGPAC<br>PPGGIQEVTVNQSLLTPLHVEIDPEIQRVRTQEREQIKTLNNKFASFIDKVRFLQEQN<br>KVLETKWALLQEQGQNLGVTRNNLEPLFEAYLGSMRSTLDRLQSERGRLDSELRNV<br>QDLVEDFKNKYEDEINKHTAAENEFVVLKKDVDAAYMGRMDLHGKVGTLTQEIDFL<br>QQLYEMELSQVQTHVSNTNVVLSMDNNRNLDLDSIIAEVKAQYELIAQRSRAEAEAW<br>YQTKYEELQVTAGKHGDNLRDTKNEIAELTRTIQRLQGEADAAKKQCQQLQTAIAEA<br>EQRGELALKDAQKKLGDLDVALHQAKEDLTRLLRDYQELMNVKLALDVEIATYRKLL<br>ESESRMSGECPSAVSISVTGNSTTVCGGGAASFGGGSLGGSGGATKGGFSTNV |

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GYSTVKGGPVSAGTSILRKTTTVKTSSQRY

#### 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

[KRT79 keratin 79 \[ Homo sapiens \]](#)

#### Official Symbol

[KRT79](#)

#### Synonyms

KRT79; keratin 79; keratin, type II cytoskeletal 79; K6L; keratin 6 like; KRT6L; K79;  
CK-79; keratin 6L; keratin-6L; keratin-79; cytokeratin-79; type-II keratin Kb38;  
FLJ26646;

#### Gene ID

[338785](#)

#### mRNA Refseq

[NM\\_175834](#)

#### Protein Refseq

[NP\\_787028](#)

#### MIM

[611160](#)

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UniProt ID

Q5XKE5

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