

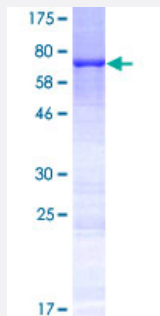
Full-Length

# KRT35 (Human) Recombinant Protein (P01)

Catalog # H00003886-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human KRT35 full-length ORF ( AA46509.1, 1 a.a. - 455 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MASKCLKAGFSSGSLKSPGGASGGSTRVSAMYSSSSCKLPSLSPVARSFACSVGLGRSSYRA  
TSCLPALCLPAGGFATSYSGGGWFGEGILTGNEKETMQSLNDRLAGYLEKVRQLEQENASLES  
RIREWCEQQVPYMCPTYQSYFRTIEELQKKTLCSCAENARLVVEIDNAKLAADDFRTKYETEVSLR  
QLVESDINGLRRILDDLTLCKSDLEAQVESLKEELLCLKKNHEEEVNSLRCQLGDRLNVEVDAAP  
PVDLNRVLEEMRCQYETLVENNRDAEDWLDTQSEELNQVVSSSEQLQSCQAEIILRRTVNA  
LEIELQAQHSMRDALESTLAETEARYSSQLAQMQCMITNVEAQLAEIRADLERQNEQYQVLLDVR  
ARLECEINTYRGLLESEDSKLPCNPCAPDYSPSKSCLPCLPAASCGPSAARTNCSPRPICVPCP  
GGRF

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

77

### Interspecies Antigen Sequence

Mouse (91); Rat (91)

### 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 — KRT35

|                     |                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">3886</a>                                                                                                                                                                                                                                                                                                                     |
| GeneBank Accession# | <a href="#">BC146508</a>                                                                                                                                                                                                                                                                                                                 |
| Protein Accession#  | <a href="#">AA46509.1</a>                                                                                                                                                                                                                                                                                                                |
| Gene Name           | KRT35                                                                                                                                                                                                                                                                                                                                    |
| Gene Alias          | HA5, Ha-5, KRTHA5, hHa5                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | keratin 35                                                                                                                                                                                                                                                                                                                               |
| Omim ID             | <a href="#">602764</a>                                                                                                                                                                                                                                                                                                                   |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                |
| Gene Summary        | The protein encoded by this gene is a member of the keratin gene family. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq] |
| Other Designations  | HHa5 hair keratin type I intermediate filament hard keratin, type I, 5 keratin, hair, acidic, 5 keratin, type I cuticular Ha5                                                                                                                                                                                                            |