

# Recombinant Human KRT4 Protein (1-534 aa), His-SUMO-tagged

**Cat. No.** KRT4-613H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Human KRT4 Protein (1-534 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.

### Species

Human

### Source

E.coli

### ProteinLength

1-534 aa

### Form

Tris-based buffer, 50% glycerol

### Molecular Mass

73.3 kDa

### AA Sequence

MIARQQCVRGGPRGFSCGSAIVGGGKRGAFSSVSMSSGGAGRCSSGGFGSRSLYN  
LRGNKSISMSVAGSRQGACFGGAGGFGTGGFGAGGFGAGFGTGGFGGGFGGSFS  
GKGGPGFPVCPAGGIQEVNTINQSLTPLHVEIDPEIQKVRTEEREQIKLLNNKFASFID  
KVQFLEQQNKVLETKWNLLQQQTSSKNLEPLFETYLSVLRKQLDTLGNDKGRLL  
QSELKTMQDSVEDFKTKYEEEINKRTAAENDFVVLKKDVDAAYLNKVELEAKVDSL  
DEINFLKVLYDAELSQQMTHVSDTSVVLSDMNNRNLDLDSIAEVRAQYEEIAQRSKA  
EAEALYQTKVQQLQISVDQHGDNLKNTKSEIAELNRMIRLRAEENIKKQCQTLQVS  
VADAEQRGENALKDAHSKRVELEAALQQAKEELARMLREYQELMSVKLALDIEIATY  
RKLLGEEYRMSGECQSAVSISVSGSTSTGGISGGLGSGSGFGLSSGFGSGSGS  
GFGFGGSVSGSSSSKIISTTTLNKR

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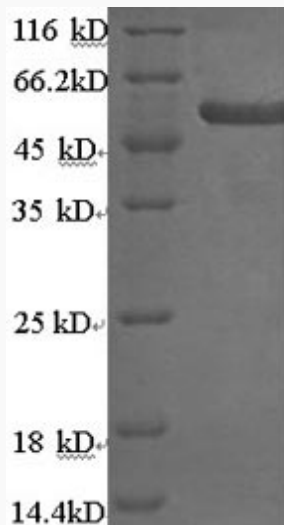
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b>    | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | KRT4 keratin 4 [ Homo sapiens ]                                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b>  | KRT4                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | KRT4; keratin 4; CK4; cytokeratin 4; K4; keratin; CK-4; FLJ31692;                                                                                                                                                                                                                                                   |
| <b>Gene ID</b>          | 3851                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_002272                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_002263                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>              | 123940                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>       | P19013                                                                                                                                                                                                                                                                                                              |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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