

## Recombinant Human KRT6A protein, GST-tagged

**Cat. No.** KRT6A-3150H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KRT6A protein(P02538)(2-564aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 2-564aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 86.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>ASTSTTIRSHSSSRRGFSANSARLPGVSRSGFSSVSVSRSRGSGGLGGACGGAGF</p> <p>GSRSLYGLGGSKRISIGGGSCAISGGYGSRAGGSYGFGGAGSGFGFGGGAGIGFG</p> <p>LGGGAGLAGGFGGPGFPVCPGGIQQEVTVNQSLLTPLNLQIDPTIQRVRAEEREQIK</p> <p>TLNNKFASFIDKVRFLQEQNKVLETKWTLLQEQGKTQVRQNLEPLFEQYINNLRRL</p> <p>DSIVGERGRLDSELRGMQDLVEDFKNKYEDEINKRTAAENEFVTLKKDVDAAYMNK</p> <p>VELQAKADTLTDEINFLRALYDAELSQMQTHISDTSVLSMDNNRNLDLDSIAEVKA</p> <p>QYEEIAQRSRAEAESWYQTKYEELQVTAGRHGDDLRLNTKQEIAEINRMIQRLRSEID</p> <p>HVKKQCANLQAAIADAEQRGEMALKDAKNKLEGLDALQKAKQDLARLLKEYQELM</p> <p>NVKLALDVEIATYRKLLLEGEECRLNGEGVGQVNISVVQSTVSSGYGGASGVGSGLG</p> |

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LGGGSSYSYGSGLVGGGFSSSSGRAIGGGLSSVGGGSSTIKYTTTSSSSRKSYKH

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** KRT6A keratin 6A [ Homo sapiens ]

**Official Symbol** KRT6A

**Synonyms** KRT6A; keratin 6A; keratin 6C , keratin 6D , KRT6C, KRT6D; keratin, type II cytoskeletal 6A; CK6C; CK6D; K6C; K6D; cytokeratin 6A; cytokeratin 6C; cytokeratin 6D; type-II keratin Kb6; keratin, epidermal type II, K6A; K6A; CK6A; KRT6C; KRT6D;

**Gene ID** 3853

**mRNA Refseq** NM\_005554

**Protein Refseq** NP\_005545

**MIM** 148041

**UniProt ID** P02538

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