

# Recombinant Full Length Human KRT222 Protein, GST-tagged

**Cat. No.** KRT222-5934HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Human KRT222P full-length ORF ( ACE87284.1, 1 a.a. - 255 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>    | 255 amino acids                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | KRT222 (Keratin 222) is a Protein Coding gene. GO annotations related to this gene include structural molecule activity. An important paralog of this gene is ENSG00000264058.                                                                                                     |
| <b>Molecular Mass</b>   | 54.45 kDa                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MDKDEEALKAAQAE LKEARRQWHHLQVEIESLHAVERGLENSLHASEQHYQMQLQ<br>DLETVIEGLEKELQEVRRGIEKQLQEHEMLLNTKMRLEQEIATYRHLLEKEEIRYYGCI<br>QGGKKDKKPTTSRVGVLP SAIINEISFTTKVPQKYENENVETVTKQAILNGSIVKEST<br>EAHG TIQTEKVDEVIKEWEGSFFKDNPR LRKKS VSLRFDLHLAATDEGCLETQDNL<br>PDIEVRLIMRRSCSIPSIKPPSTAN |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                  |

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|-------------------------|------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                         |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                       |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                       |
| <b>GENE INFORMATION</b> |                                                                                                |
| <b>Gene Name</b>        | KRT222 keratin 222 [ Homo sapiens (human) ]                                                    |
| <b>Official Symbol</b>  | KRT222                                                                                         |
| <b>Synonyms</b>         | KRT222; keratin 222; keratin-like protein KRT222; keratin 222, type II; keratin-222 pseudogene |
| <b>Gene ID</b>          | 125113                                                                                         |
| <b>mRNA Refseq</b>      | NM_152349                                                                                      |
| <b>Protein Refseq</b>   | NP_689562                                                                                      |
| <b>UniProt ID</b>       | Q8N1A0                                                                                         |