

# Recombinant Full Length Human KRT25 Protein, GST-tagged

Cat. No. KRT25-5973HF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human KRT25 full-length ORF ( AAI46489.1, 1 a.a. - 450 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>    | 450 amino acids  |
| <b>Description</b>      | <p>This gene encodes a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq]</p> |
| <b>Molecular Mass</b>   | 76.45 kDa  |
| <b>AA Sequence</b>      | <pre>MSLRLSSASRRSCPRPTTGSLRLYGGGTSFGTGNSCGISGIGSGFSSAFGGSSSGG NTGGGNPCAGFTVNERGLLSGNEKVTMQNLNDRLASYLDSVHALEEANADLEQKIK GWYEKFGPGSCRGLDHDYSRYFPIIDDLKNQIIASTTSNANAVLQIDNARLTADDFRL KYENELALHQSVEADVNGLRRLVLEITLCRTDLEIQYETLSEEMTYLKKNHKEEMQV LQCAAGGNVNVEMNAAPGVDLTVLLNNMRAEYEALAEQNRDAEAWFNEKSASLQ QQISEDVGGATTSARNELTEMKRTLQTLIEIQSLLATKHSLECSLTETESNYCAQLAQ IQAQIGALEEQHLHQVRTETEGQKLEYEQLLDIKLHLEKEIETYCLLIGGDDGACKSGG</pre>                            |

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YKSKDYGSGNVGSQVKDPAKAIVVKKVLEEVDQRSKILTTRLHSLEEKSSQN

**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**

KRT25 keratin 25 [ Homo sapiens (human) ]

**Official Symbol**

KRT25

**Synonyms**

KRT25; keratin 25; ARWH3; KRT25A; KRT24IRS1; keratin, type I cytoskeletal 25; CK-25; K25; K25A; cytokeratin-25; keratin 25, type I; keratin-25A; type I inner root sheath specific keratin 25 irs1; type I inner root sheath-specific keratin-K25irs1

**Gene ID**

147183

**mRNA Refseq**

NM\_181534

**Protein Refseq**

NP\_853512

**MIM**

616646

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UniProt ID

Q7Z3Z0

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