

Recombinant Full Length Human KRT25 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human KRT25 full-length ORF (AAI46489.1, 1 a.a. - 450 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	450 amino acids
Description	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]
Molecular Mass	76.45 kDa
AA Sequence	<pre>MSLRLLSSASRRSCPRPTTGLRLYGGGTSFGTGNSCGISGIGSGFSSAFGGSSSGG NTGGGNPCAGFTVNERGLLSGNEKVMTQNLNDRLASVHAEANADLEQKIK GWYEKFGPGSCRGLDHDYSRYFPFIIDDLKNQIIASTTSNANAVLQIDNARLTADDFRL KYENELALHQSVEADVNGLRRVLDEITLCRTDLEIQYETLSEEMTYLKKNHKEEMQV LQCAAGGNVNVEMNAAPGVDLTVLLNNMRAEYEAALAEQNRRDAEAWFNEKSASLQ QQISEDVGATTSARNELTEMKRTLQTLIELQSLATKHSLECSLTETESNYCAQLAQ IQAQIGALEEQHLHQVRTETEGQKLEYEQLLDIKLHLEKEIETYCLLIGGDDGACKSGG</pre>

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YKSKDYGSGNVGSQVKDPAKAI VVKVLEEVDQRSKILTTRLHSLEEKSSQSN

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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