Recombinant Human KRT25 Protein, GST-tagged

Cat. No. KRT25-4859H **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	Wheat Germ
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	MSLRLSSASRRSCPRPTTGSLRLYGGGTSFGTGNSCGISGIGSGFSSAFGGSSSGG NTGGGNPCAGFTVNERGLLSGNEKVTMQNLNDRLASYLDSVHALEEANADLEQKIK GWYEKFGPGSCRGLDHDYSRYFPIIDDLKNQIIASTTSNANAVLQIDNARLTADDFRL KYENELALHQSVEADVNGLRRVLDEITLCRTDLEIQYETLSEEMTYLKKNHKEEMQV LQCAAGGNVNVEMNAAPGVDLTVLLNNMRAEYEALAEQNRRDAEAWFNEKSASLQ QQISEDVGATTSARNELTEMKRTLQTLEIELQSLLATKHSLECSLTETESNYCAQLAQ IQAQIGALEEQLHQVRTETEGQKLEYEQLLDIKLHLEKEIETYCLLIGGDDGACKSGG YKSKDYGSGNVGSQVKDPAKAIVVKKVLEEVDQRSKILTTRLHSLEEKSQSN

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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
UniProt ID	Q7Z3Z0

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