

## Recombinant Human KRT33A Protein, GST-tagged

Cat. No. KRT33A-4853H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human KRT33A full-length ORF (BAG36784.1, 1 a.a. - 404 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene is a member of the keratin gene family. It is one of the type I hair keratin genes which are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, KRTHA3A and KRTHA3B. [provided by RefSeq]
<b>Molecular Mass</b>	70.84 kDa
<b>AA Sequence</b>	MSYSCGLPSLSCRTSCSSRPCVPPSCHGCTLPGACNIPANVSNCNWFCEGSFN GSEKETMQFLNDRSLASYLEKVRQLERDNTLENLIRERSQQQEPLVCASYQSYFKTIEE LQQKILCSKSEARLVVQIDNAKLASDDFRTKYETELSLRQLVESDINGLRRLDELTL CRSDLEAQVESLKEELLCLKQNHEQEVNTRCQLGDRLNVEVDAAPTVDLNQVLNE TRSQYEALVETNRREVEQWFATQTEELNKQVSSSEQLQSYQVEIIELRRTVNALEI ELQAQHNLRDSENLTESEARYSSQLSQVQRLITNVESQLAEIRSDLERQNQEYQV LLDVRARLECEINTYRSLLSEEDCKLPSNPCATTNACDKSTGPCISNPCGLRARC GPCNTFGY

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<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>	<a href="#">KRT33A keratin 33A [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">KRT33A</a>
<b>Synonyms</b>	KRT33A; keratin 33A; HA3I; K33A; Ha-3I; Krt1-3; hHa3-I; KRTHA3A; keratin, type I cuticular Ha3-I; hair keratin, type I Ha3-I; hard keratin, type I,3I; keratin 33A, type I; keratin, hair, acidic, 3A
<b>Gene ID</b>	<a href="#">3883</a>
<b>mRNA Refseq</b>	<a href="#">NM_004138</a>
<b>Protein Refseq</b>	<a href="#">NP_004129</a>
<b>MIM</b>	<a href="#">602761</a>
<b>UniProt ID</b>	<a href="#">O76009</a>

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