

## Recombinant Human KRT33B Protein, GST-tagged

**Cat. No.** KRT33B-4799H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human KRTHA3B full-length ORF ( AAH09971, 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>	70.18 kDa
<b>AA Sequence</b>	MPYNFCLPSLSCRTSCSSRPCVPPSCHGYTLPGACNIPANVSNCNWFCEGSFN EKETMQFLNDRLASYLEKVRQLERDNAELENLIRERSQQQEPLLCPSYQSYFKTIEE LQQKILCSKSEARLVVQIDNAKLAADDFRTKYQTEQSLRQLVESDINSLRRILDELTL CRSDLEAQMESLKEELLSLKQNHEQEVNTRCQLGDRLNVEVDAAPAVDLNQVLNE TRNQYEALVETNRREVEQWFATQTEELNKQVVSSEQLQSYQAEIIELRRTVNALEI ELQAQHNLRYSLNLTSEARYSSQLSQVQSLITNVESQLAEIRSDLERQNEQYQV LLDVRARLECEINTYRSLLSEEDCKLPSNPCATTNACEKPIGSCVTNPCGPRSRCGP CNTFGY

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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>	KRT33B keratin 33B [ Homo sapiens ]
<b>Official Symbol</b>	KRT33B
<b>Synonyms</b>	KRT33B; keratin 33B; keratin, hair, acidic, 3B , KRTHA3B; keratin, type I cuticular Ha3-II; Ha 3II; hard keratin type I 3II; K33B; keratin-33B; type I hair keratin 3B; hard keratin, type I, 3II; keratin, hair, acidic, 3B; hair keratin, type I Ha3-II; HA3II; Ha-3II; KRTHA3A; KRTHA3B; hHa3-II;
<b>Gene ID</b>	3884
<b>mRNA Refseq</b>	NM_002279
<b>Protein Refseq</b>	NP_002270
<b>MIM</b>	602762
<b>UniProt ID</b>	Q14525

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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