Recombinant Human KRT33B Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human KRTHA3B full-length ORF (AAH09971, 1 a.a. - 404 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	70.18 kDa
AA Sequence	MPYNFCLPSLSCRTSCSSRPCVPPSCHGYTLPGACNIPANVSNCNWFCEGSFNGS EKETMQFLNDRLASYLEKVRQLERDNAELENLIRERSQQQEPLLCPSYQSYFKTIEE LQQKILCSKSENARLVVQIDNAKLAADDFRTKYQTEQSLRQLVESDINSLRRILDELTL CRSDLEAQMESLKEELLSLKQNHEQEVNTLRCQLGDRLNVEVDAAPAVDLNQVLNE TRNQYEALVETNRREVEQWFATQTEELNKQVVSSSEQLQSYQAEIIELRRTVNALEI ELQAQHNLRYSLENTLTESEARYSSQLSQVQSLITNVESQLAEIRSDLERQNQEYQV LLDVRARLECEINTYRSLLESEDCKLPSNPCATTNACEKPIGSCVTNPCGPRSRCGP CNTFGY

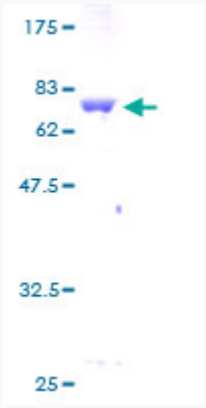
Tel: 1-631-559-9269 1-516-512-3133
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 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	KRT33B keratin 33B [Homo sapiens]
Official Symbol	KRT33B
Synonyms	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;
Gene ID	3884
mRNA Refseq	NM_002279
Protein Refseq	NP_002270
MIM	602762
UniProt ID	Q14525

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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