

Recombinant Human KRT33A Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human KRT33A full-length ORF (BAG36784.1, 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	70.84 kDa
AA Sequence	MSYSCGLPSLSCRTSCSSRPCVPPSCHGCTLPGACNIPANVSN CNWFCEGSFN GSEKETMQFLNDRLASYLEKVRQLERDNTLENLIRERSQQQEPLVCASYQSYFKTIEE LQQKILCSKSENARLVVQIDNAKLASDDFRTKYETELSLRQLVESDINGLRRILDELTL CRSDLEAQVESLKEELLCLKQNHEQEVNTLRCQLGDRLNVEVDAAPTVDLNQVLNE TRSQYEALVETNRREVEQWFATQTEELNKQVVSSEQLQSYQVEIILRRTVNALEI ELQAQHNLRDSENLTESEARYSSQLSQVQRLITNVESQLAEIRSDLERQNQEYQV LLDVRARLECEINTYRSLLESEDCKLPSNPCATTNACDKSTGPCISNPCGLRARC GPCNTFGY

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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	KRT33A keratin 33A [Homo sapiens (human)]
Official Symbol	KRT33A
Synonyms	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
Gene ID	3883
mRNA Refseq	NM_004138
Protein Refseq	NP_004129
MIM	602761
UniProt ID	O76009

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