Recombinant Human KRT34 Protein, GST-tagged

Cat. No. KRT34-4852H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT34 full-length ORF (AAH41070.1, 1 a.a. - 436 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. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq
Molecular Mass	75.8 kDa
AA Sequence	MLYAKPPPTINGIKGLQRKERLKPAHIHLQQLTCFSITCSSTMSYSCCLPSLGCRTSC SSRPCVPPSCHGYTLPGACNIPANVSNCNWFCEGSFNGSEKETMQFLNDRLASYL EKVRQLERDNAELEKLIQERSQQQEPLLCPSYQSYFKTIEELQQKILCAKAENARLVV NIDNAKLASDDFRSKYQTEQSLRLLVESDINSIRRILDELTLCKSDLESQVESLREELIC LKKNHEEEVNTLRSQLGDRLNVEVDTAPTVDLNQVLNETRSQYEALVETNRREVEQ WFATQTEELNKQVVSSSEQLQSCQAEIIELRRTVNALEIELQAQHNLRDSLENTLTES EAHYSSQLSQVQSLITNVESQLAEIRCDLERQNQEYQVLLDVRARLECEINTYRSLLE SEDCKLPCNPCATTNASGNSCGPCGTSQKGCCN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	KRT34 keratin 34 [Homo sapiens]
Official Symbol	KRT34
Synonyms	KRT34; keratin 34; keratin, hair, acidic, 4 , KRTHA4; keratin, type I cuticular Ha4; Ha 4; hard keratin type I 4; K34; keratin-34; hard keratin, type I, 4; hair keratin, type I Ha4; keratin, hair, acidic, 4; HA4; Ha-4; hHa4; KRTHA4;
Gene ID	3885
mRNA Refseq	NM_021013
Protein Refseq	NP_066293
MIM	602763
UniProt ID	O76011

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