

Recombinant Human KRT37 Protein, GST-tagged

Cat. No. KRT37-4849H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT37 full-length ORF (AAI40320.1, 1 a.a. - 449 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	75.79 kDa
AA Sequence	MTSFYSTSSCPLGCTMAPGARNVVFSPIDVGCQPVAEANAASMCLLANVAHANRVR VGSTPLGRPSLCLPPTSHTACPLPGTCHIPGNIGICGAYGKNTLNGHEKETMKFLND RLANYLEKVRQLEQENAELETTLLERSKCHESTVCPDYQSYFRTIEELQQKILCSKAE NARLIVQIDNAKLAADDFRIKLESERSLHQLVEADKCGTQKLLDDATLAKADLEAQQE SLKEEQSLKSNHEQEVKILRSQLGKFRIELDIEPTIDLNRVLGEMRAQYEAMVETN HQDVEQWFQAQSEGISLQAMSCSEELQCCQSEILELRCTVNALEVERQAQHTLKDC LQNSLCEAEDRYGTELAQMQLISNLEEQLSEIRADLERQNQEYQVLLDVKARLENE IATYRNLLESEDCKLPCNPCSTPASCTSCPSCGPVTGGSPSGHGASMGR
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	KRT37 keratin 37 [Homo sapiens]
Official Symbol	KRT37
Synonyms	KRT37; keratin 37; keratin, hair, acidic, 7 , KRTHA7; keratin, type I cuticular Ha7; keratin-37; hair keratin, type I Ha7; keratin, hair, acidic, 7; HA7; K37; KRTHA7;
Gene ID	8688
mRNA Refseq	NM_003770
Protein Refseq	NP_003761
MIM	604541
UniProt ID	O76014

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