

# Recombinant Full Length Human KRT37 Protein, GST-tagged

Cat. No. KRT37-6040HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human KRT37 full-length ORF ( AAI40320.1, 1 a.a. - 449 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	449 amino acids
<b>Description</b>	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
<b>Molecular Mass</b>	75.79 kDa
<b>AA Sequence</b>	<p>MTSFYSTSSCPLGCTMAPGARNV FVSPIDVGCQPVAEANAASMCLLANVAHANRVR            VGSTPLGRPSLCLPPTSHTACPLPGTCHIPGNIGICGAYGKNTLNGHEKETMKFLND            RLANYLEKVRQLEQENAELETTLLERSKCHESTVCPDYQSYFRTIEELQQKILCSKAE            NARLIVQIDNAKLAADDFRIKLESERSLHQLVEADKCGTQKLLDDATLAKADLEAQQE            SLKEEQLSLKSNHEQE VKILRSQ LGEKFRIELDIEPTIDLNRVLGEMRAQYEAMVETN            HQDVEQWFQAQSEGISLQAMSCSEELQCCQSEILELRCTVNALEVERQAQHTLKDC            LQNSLCEAEDRYGTELAQMQLISNLEEQLSEIRADLERQNQEYQVLLDVKARLENE            IATYRNLLESEDCKLPCNPCSTPASCTSCPSCGPVTGGSPSGHGASMGR</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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>	KRT37 keratin 37 [ Homo sapiens ]
<b>Official Symbol</b>	KRT37
<b>Synonyms</b>	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;
<b>Gene ID</b>	8688
<b>mRNA Refseq</b>	NM_003770
<b>Protein Refseq</b>	NP_003761
<b>MIM</b>	604541
<b>UniProt ID</b>	O76014

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA