

# Recombinant Full Length Human KRT15 Protein, GST-tagged

**Cat. No.** KRT15-5924HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human KRT15 full-length ORF (AAH02641.1, 1 a.a. - 456 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	456 amino acids
<b>Description</b>	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2. [provided by RefSeq]
<b>Molecular Mass</b>	75.9 kDa
<b>AA Sequence</b>	<p>MTTFLQTSSSTFGGGSTRGGSLLAGGGGFGGGSLSGGGGSRSSISASSARFVSSG            SGGGYGGGMRVCGFGGGAGSVFGGGFGGGVGGGFGGGFGGGDGLLSGNEKIT            MQNLNDRLASYLKVRAL E E A N A D L E V K I H D W Y Q K Q T P T S P E C D Y S Q Y F K T I E E L R D            K I M A T T I D N S R V I L E I D N A R L A A D D F R L K Y E N E L A L R Q G V E A D I N G L R R V L D E L T L A R T            D L E M Q I E G L N E E L A Y L K K N H E E E M K E F S S Q L A G Q V N V E M D A A P G V D L T R V L A E M R E            Q Y E A M A E K N R R D V E A W F F S K T E E L N K E V A S N T E M I Q T S K T E I T D L R R T M Q E L E I E L Q            S Q L S M K A G L E N S L A E T E C R Y A T Q L Q Q I Q G L I G G L E A Q L S E L R C E M E A Q N Q E Y K M L L</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

	DIKTRLEQEIATYRSLLEGQDAKMAGIGIREASSGGGGSSSNFHINVEESVDGQVVS SHKREI
<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.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KRT15 keratin 15 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">KRT15</a>
<b>Synonyms</b>	KRT15; keratin 15; keratin, type I cytoskeletal 15; CK15; cytokeratin 15; K1CO; K15; basic; beta; type I cytoskeletal 15; CK-15; cytokeratin-15; keratin-15, beta; keratin-15, basic;
<b>Gene ID</b>	<a href="#">3866</a>
<b>mRNA Refseq</b>	<a href="#">NM_002275</a>
<b>Protein Refseq</b>	<a href="#">NP_002266</a>
<b>MIM</b>	<a href="#">148030</a>

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