

## Recombinant Human KRT85 Protein, GST-tagged

**Cat. No.** KRT85-4830H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human KRT85 full-length ORF ( AAI66627.1, 1 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. [provided by RefSeq]
<b>Molecular Mass</b>	55.8 kDa
<b>AA Sequence</b>	MSCRSYRISSGCGVTRNFSSCSAVAPKTGNRCCISAAPYRGVSCYRGLTGFGSRSL CNLGSCGPRIAVGGFRAGSCGRSFGYRSGGVCGPSPPCITTVSVNESLLTPLNLEID PNAQCVKQEEKEQIKSLNSRFAAFIDKVRFLEQQNKLLETKWQFYQNQRCCESNLE PLFSGYIETLRREAECVEADSGRLASELNHVQEVLEGYKKKYEEEVALRATAENEFV VLKKDVEDCAYLRKSDLEANVEALVEESSFLRRLYEEEIRVLQAHISDTSVIVKMDNSR DLNMDCIIAEIKAQYDDVASRSRAEAEWYRSKCEEMKATVIRHGETLRRRTKEEINEL NRMIQRLTAEIENAKCQRAKLEAAVAEAEQQGEAALSDARCKLAELEGALQKAKQD

 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

MACLLKEYQEVMSKLGDLIEIATYRRLLLEGEEHRLCEGVGSVNVCVSSSRGGVSC  
GGLSYSTTPGRQITSGPSAIGGSITVVAPDSCAPCQPRSSSFSCGSSRSVRFA

<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>	KRT85 keratin 85 [ Homo sapiens (human) ]
<b>Official Symbol</b>	KRT85
<b>Synonyms</b>	KRT85; keratin 85; HB5; K85; Hb-5; hHb5; ECTD4; KRTHB5; keratin, type II cuticular Hb5; hair keratin K2.12; hard keratin, type II, 5; keratin 85, type II; keratin, hair, basic, 5; type II hair keratin Hb5; type-II keratin Kb25
<b>Gene ID</b>	3891
<b>mRNA Refseq</b>	NM_001300810
<b>Protein Refseq</b>	NP_001287739
<b>MIM</b>	602767



UniProt ID

P78386

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