

# Recombinant Full Length Human KRT84 Protein, GST-tagged

**Cat. No.** KRT84-5789HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human KRT84 full-length ORF (BAG36740.1, 1 a.a. - 600 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>	600 amino acids
<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. All hair keratins are expressed in the hair follicle; this hair keratin is contained primarily in the filiform tongue papilla, among other hair keratins. [provided by RefSeq]
<b>Molecular Mass</b>	92.4 kDa
<b>AA Sequence</b>	MSCRSYRVSSGHRVGNFSSCSAMTPQNLNRFANSVSCWSGPGFRGLGSFGSRS VITFGSYSPIAAVGSRPIHCGVRFAGCGMGFGDGRGVGLGPRADSCVGLGFGA GSGIGYGFGGPGFGYRVGGVGVPAAPSITAVTVNKSLLTPLNLEIDPNAHRVKKDEK EQIKTLNKNFASFIDKVRFLQKQNKLLETKWSFLQEQKCIRSNLEPLFESYITNLRRQL EVLVSDQARLQAERNHLQDVLEGFKKKYEEEEVVCRAANAENEFVALKKDVAADFMMNK

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SDLEANVDTLTQEIDFLKTLYMEEIQLLQSHISETSVIVKMDNSRDLNLDGIIAEVKAQY  
 EEVARRSRADAEAWYQTKYEEMQVTAGQHCDNLRNIRNEINELTRLIQRLKAEIEHA  
 KAQRAKLEAAVAEAEQQGEATLSDAKCKLADLECALQQAKQDMARQLCEYQELMN  
 AKLGLGIEIATYRRLLLEGESRLCEGVGPVNISVSSSRGGLVCGPEPLVAGSTLSRG  
 GVTFSGSSSVCATSGVLASCGPSLGGARVAPATGDLLSTGTRSGSMLISEACVPSV  
 PCPLPTQGGFSSCSGGRSSSVRFVSTTTSCRKY

<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>	KRT84 keratin 84 [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	<a href="#">KRT84</a>
<b>Synonyms</b>	KRT84; keratin 84; keratin, hair, basic, 4 , KRTHB4; keratin, type II cuticular Hb4; hard keratin type II 4; Hb 4; K84; keratin-84; type-II keratin Kb24; type II hair keratin 4; keratin, hair, basic, 4; hard keratin, type II, 4; type II hair keratin Hb4; HB4; KRTHB4;
<b>Gene ID</b>	<a href="#">3890</a>
<b>mRNA Refseq</b>	<a href="#">NM_033045</a>

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**Protein Refseq** NP\_149034

**MIM** 602766

**UniProt ID** Q9NSB2

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