

## Full-Length

# KRT84 (Human) Recombinant Protein (P01)

Catalog # H00003890-P01

Size 50 ug

## Specification

Product Description	Human KRT84 full-length ORF (BAG36740.1, 1 a.a. - 600 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSCRSYRVSSGHRVGNFSSCSAMTPQNLNFRANSVSCWSGPGFRGLGSFGSRSVITFGSYSP RIAAVGSRPIHCGVRFAGCGMGFGDGRGVGLGPRADSCVGLGFGAGSGIGYGGPGFGYRV GGVGVAAPSITAVTVNKSLTPLNLEIDPNAHRVKKDEKEQIKTLNNKFASFIDKVRFLEQQNKLL ETKWSFLQEQKCIRSNLEPLFESYITNLRQLEVLVSDQARLQAERNHLQDVLEGFKKKYEEVV CRANAENEFVALKKDVDAAFMNKSDLEANVDTLTQEIDFLKTLYMEEIQLLQSHISETSVVKMDN SRDLNLDGIIAEVKAQYEEVARRSRADAEAWYQTKYEEMQVTAGQHCDNLRNIRNEINELTRLIQL KAEIEHAKAQRACLEAAVAEAEQQGEATLSDAKCKLADLECALQQAKQDMARQLCEYQELMNA KLGLGIEIATYRRLLEGEESRLCEGVPVNISVSSSRGGLVCGPEPLVAGSTLSRGGVTFSGSSSV CATSGVLASCGPSLGGARVAPATGDLLSTGTRSGSMLISEACVPSVPCPLPTQGGFSSCSGGR SSSVRFVSTTTSCRTKY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	92.4
Interspecies Antigen Sequence	Mouse (79)
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — KRT84

Entrez GeneID [3890](#)

GeneBank Accession# [AK314030.1](#)

Protein Accession# [BAG36740.1](#)

Gene Name KRT84

Gene Alias HB4, KRTHB4

Gene Description keratin 84

Omim ID [602766](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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]

**Other Designations** hard keratin, type II, 4|keratin, hair, basic, 4|type II hair keratin 4