

## Recombinant Human KRT84 Protein, His-tagged

Cat. No. KRT84-880H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant human KRT84 protein, fused to His tag at N-terminus, was expressed in E. coli.

**Species** Human

**Source** E.coli

**Description** 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, Jul 2008]

**Form** 50 mM Tris, 8 M Urea, pH 8.0.

**Molecular Mass** 64.7 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	keratin 84[ Homo sapiens ]
<b>Official Symbol</b>	KRT84
<b>Synonyms</b>	HB4; KRTHB4
<b>Gene ID</b>	3890
<b>mRNA Refseq</b>	NM_033045.3
<b>Protein Refseq</b>	NP_149034
<b>MIM</b>	602766
<b>UniProt ID</b>	Q9NSB2

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