

# Recombinant Full Length Human KRT74 Protein, GST-tagged

Cat. No. KRT74-6084HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human KRT74 full-length ORF ( AAI60050.1, 1 a.a. - 529 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>	529 amino acids
<b>Description</b>	Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This protein belongs to a family of keratins that are specifically expressed in the inner root sheath of hair follicles
<b>Molecular Mass</b>	84.59 kDa
<b>AA Sequence</b>	MSRQLNIKSSGDKGNFSVHSAVVPRKAVGSLASYCAAGRGAGAGFGSRSLSLGG NRRISFNVAGGGVRAGGYGFRPGSGYGGGRASGFAGSMFGSVALGPACLSVCPP GGIHQVTVNKSLAPLNVELDPEIQKVRAQEREQIKVLNDKFASFIDKVRFLQQNQV LETKWELLQQLDLNNCKKNLEPILEGYISNLRKQLETLSGDRVRLDSELRSMRDLVE DYKKRYEVEINRRTTAENEFVVLKKDADAAYAVKVELQAKVDSL DKEIKFLKCLYDAE IAQIQTHASETSVILSMDNNRDLDLDSIIAEVRMHYEEIALKSKAEAEALYQTKIQELQL AASRHGDDLKHTRSEMVELNRLIQRIRCEIGNVKKQRASLETAIADAEQRGDNALKD AQAKLDELEGALHQAKEELARMLREYQELMSLKLALDMEIATYRKLLLEGEECRMMSG ENPSSVSISVISSSSYSYHHPSSAGVDLGASAVAGSSGSTQSGQTKTTEARGGDLK

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DTQGGKSTPASIPARKATR

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

[KRT74 keratin 74 \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[KRT74](#)

**Synonyms**

KRT74; keratin 74; ADWH; HTSS2; HYPT3; KRT5C; K6IRS4; KRT6IRS4; keratin, type II cytoskeletal 74; CK-74; K5C; K74; cytokeratin-74; keratin 5c; keratin 6 irs4; keratin 74, type II; type II inner root sheath-specific keratin-K6irs4; type-II keratin Kb37

**Gene ID**

[121391](#)

**mRNA Refseq**

[NM\\_175053](#)

**Protein Refseq**

[NP\\_778223](#)

**MIM**

[608248](#)

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UniProt ID

Q7RTS7

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