

## Recombinant Human KRT74 Protein, GST-tagged

Cat. No. KRT74-4840H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human KRT74 full-length ORF ( AA160050.1, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<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 LETKWELLQQLDLNCKKNLEPILEGYISNLRKQLETLSGDRVRLDSELRSMRDLVE DYKKRYEVEINRRTTAENEFVVLKKDADAAYAVKVELQAKVDSL DKEIKFLKCLYDAE IAQIQTHASETSVILSMDNNRDLDLDSIIAEVRMHYEEIALKSKAEAEALYQTKIQELQL AASRHGDDLKHTRSEMVELNRLIQRIRCEIGNVKKQRASLETAIADAEQRGDNALKD AQAKLDELEGALHQAKEELARMLREYQELMSLKLALDMEIATYRKLLLEGEECRMMSG ENPSSVSISVISSSSYSYHHPSSAGVDLGASAVAGSSGSTQSGQTKTTEARGGDLK DTQGGKSTPASIPARKATR

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<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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	KRT74 keratin 74 [ Homo sapiens (human) ]
<b>Official Symbol</b>	KRT74
<b>Synonyms</b>	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
<b>Gene ID</b>	121391
<b>mRNA Refseq</b>	NM_175053
<b>Protein Refseq</b>	NP_778223
<b>MIM</b>	608248
<b>UniProt ID</b>	Q7RTS7

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