

Recombinant Human KRT74 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human KRT74 full-length ORF (AAI60050.1, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	84.59 kDa
AA Sequence	MSRQLNIKSSGDKGNFSVHSAVVPRKAVGSLASYCAAGRGAGAGFGSRSLSLGG NRRISFNVAGGGVRAGGYGFRPGSGYGGGRASGFAGSMFGSVALGPACLSVCP GGIHQVTVNKSLAPLNVELDPEIQKVRAQEREQIKVLNDKFASFIDKVRFLQQNQV LETKWELLQQDLNNCKKNLEPILEGYISNLRKQLETLSGDRVRLDSELRSMDLVE DYKKRYEVEINRRTTAENEFVVLKKDADAAYAVKVELQAKVDSLDEIKFLKCLYDAE IAQIQTHASETSVILSMDNNRDLDLDSIIAEVRMHYEEIALKSKAEAEALYQTKIQELQL AASRHGDDLKHTRSEMVELNRLIQRIRCEIGNVKKQRASLETAIADAEQRGDNALKD AQAKLDELEGALHQAKEELARMLREYQELMSLKLALDMEIATYRKLLLEGEECRMMSG ENPSSVSISVISSSSYSYHHPSSAGVDLGASAVAGSSGSTQSGQTKTTEARGGDLK DTQGKSTPASIPARKATR

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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
UniProt ID	Q7RTS7

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