

## Recombinant Human KRT77 Protein, His-tagged

Cat. No. KRT77-12H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human keratin 77 (KRT77), full length, with N-terminal HIS tag, expressed in E. coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<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 gene encodes an epithelial keratin that is expressed in the skin and eccrine sweat glands. The type II keratins are clustered in a region of chromosome 12q13.
<b>Molecular Mass</b>	61.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.

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**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

KRT77 keratin 77 [ Homo sapiens (human) ]

**Official Symbol**

KRT77

**Synonyms**

KRT77; keratin 77; K1B; KRT1B; keratin, type II cytoskeletal 1b; CK-1B; K77; cytokeratin-1B; keratin 1B; keratin 77, type II; type-II keratin Kb39

**Gene ID**

374454

**mRNA Refseq**

NM\_175078

**Protein Refseq**

NP\_778253

**MIM**

611158

**UniProt ID**

Q7Z794

**SDS-Page**

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