

## Product datasheet for **TP761495**

### **KRT71 (NM\_033448) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human keratin 71 (KRT71), full length, with N-terminal HIS tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length KRT71
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	57.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>RefSeq:</b>	<a href="#">NP_258259</a>
<b>Locus ID:</b>	112802
<b>UniProt ID:</b>	<a href="#">Q3SY84</a>
<b>RefSeq Size:</b>	2283
<b>Cytogenetics:</b>	12q13.13
<b>RefSeq ORF:</b>	1569
<b>Synonyms:</b>	HYPT13; K6IRS1; KRT6IRS; KRT6IRS1



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**Summary:**

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 a protein that is expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q13.[provided by RefSeq, Jun 2009]

**Product images:**