

## Product datasheet for **TP761596**

### **KRTAP20-1 (NM\_181615) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of HHuman keratin associated protein 20-1 (KRTAP20-1), full length, with N-terminal GST and C-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 KRTAP20-1
<b>Tag:</b>	N-GST and C-His
<b>Predicted MW:</b>	34 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_853646</a>
<b>Locus ID:</b>	337975
<b>UniProt ID:</b>	<a href="#">Q3LI63</a>
<b>RefSeq Size:</b>	171
<b>Cytogenetics:</b>	21q22.11
<b>RefSeq ORF:</b>	168
<b>Synonyms:</b>	KAP20.1



[View online »](#)

**Summary:**

In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Transmembrane

**Product images:**