

Product datasheet for **TP762517**

KRTAP6-1 (NM_181602) Human Recombinant Protein

Product data:

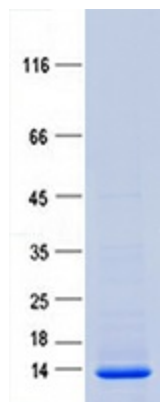
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human keratin associated protein 6-1 (KRTAP6-1), full length, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of KRTAP6-1
Tag:	N-His
Predicted MW:	7.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris, pH8.0, 8M Urea
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_853633
Locus ID:	337966
UniProt ID:	Q3LI64
RefSeq Size:	219
Cytogenetics:	21q22.11
RefSeq ORF:	213
Synonyms:	C21orf103; KAP6.1
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]



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Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified KRTAP6-1 protein (Cat #TP762517). The protein was produced from E.coli.