

Product datasheet for **TP762512**

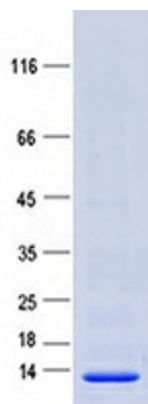
KRTAP7-1 (NM_181606) Human Recombinant Protein

Product data:

| | |
|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human keratin associated protein 7-1 (gene/pseudogene) (KRTAP7-1), full length, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding the region full length of KRTAP7-1 |
| Tag: | N-His |
| Predicted MW: | 9.1 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_853637 |
| Locus ID: | 337878 |
| UniProt ID: | Q8IUC3 |
| Cytogenetics: | 21q22.11 |
| RefSeq ORF: | 261 |
| Synonyms: | KAP7.1 |
| 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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Product images:

Coomassie blue staining of purified KRTAP7-1 protein (Cat #TP762512). The protein was produced from E.coli.