

Recombinant Human KRTAP27-1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KRTAP27-1-1542H Lot. No. (See product label)

SPECIFICATION

Product Overview	KRTAP27 MS Standard C13 and N15-labeled recombinant protein (NP_001071179) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	22.2 kDa
AA Sequence	MPHSHCHSLRSFHNAPPLSAITHGTNPITFEDRLCLPSSFHSRTCFLDNFQETCNET TSCQMTNCEQDLFTDDSCVQSNCFPGVVQTTYNSNRP CERTACQSESSSAGLACV SQPCQSESTQQMGFVAQSCQPASLKGNSCPPKTSKSKNFETLERASSQCQCQSQ NPESSSCRPLVNVAPEPQLLESSPGVEPTCCVTGGSQLPSKTRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	KRTAP27-1 keratin associated protein 27-1 [Homo sapiens (human)]
Official Symbol	KRTAP27-1
Synonyms	KRTAP27-1; keratin associated protein 27-1; keratin-associated protein 27-1
Gene ID	643812
mRNA Refseq	NM_001077711
Protein Refseq	NP_001071179
UniProt ID	Q3LI81

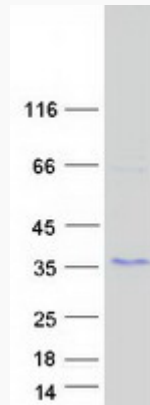
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SDS-PAGE



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