

Recombinant Full Length Human KRTAP1-5 Protein, GST-tagged

Cat. No. KRTAP1-5-5804HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Human KRTAP1-5 full-length ORF (NP_114163.1, 1 a.a. - 174 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

In Vitro Cell Free System

ProteinLength

174 amino acids

Description

This protein is a member of the keratin-associated protein (KAP) family. The KAP proteins form a matrix of keratin intermediate filaments which contribute to the structure of hair fibers. KAP family members appear to have unique, family-specific amino- and carboxyl-terminal regions and are subdivided into three multi-gene families according to amino acid composition: the high sulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs. This protein is a member of the high sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq

Molecular Mass

44.4 kDa

AA Sequence

MTCCQTSFCGYPSFSISGTCGSSCCQPSCCETSCCQPRSCQTSFCGFPSFSTSGT
 CSSSCCQPSCCETSCCQPSCCETSCCQPSCCQISSCGTGCGIGGGISYGQEGSSG
 AVSTRIRWCRPDSRVEGTYLPPCCVVSCTPPSCCQLHHAQASCCRPSYCGQSCCR
 PVCCCEPTC

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	KRTAP1-5 keratin associated protein 1-5 [Homo sapiens]
Official Symbol	KRTAP1-5
Synonyms	KRTAP1-5; keratin associated protein 1-5; keratin-associated protein 1-5; KAP1.5; keratin associated protein 1.5; keratin-associated protein 1.5; high sulfur keratin-associated protein 1.5; KRTAP1.5; MGC126604;
Gene ID	83895
mRNA Refseq	NM_031957
Protein Refseq	NP_114163
MIM	608822
UniProt ID	Q9BYS1

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