Recombinant Human KRTAP4-12 Protein, GST-tagged

Cat. No. KRTAP4-12-4812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRTAP4-12 full-length ORF (AAH04180.1, 1 a.a. - 201 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-201 a.a.
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 ultrahigh sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq
Molecular Mass	48.51 kDa
AA Sequence	MVNSCCGSVCSDQGCGLENCCRPSCCQTTCCRTTCCRPSCCVSSCCRPQCCQSV CCQPTCCRPSCCQTTCCRTTCCRPSCCVSSCCRPQCCQSVCCQPTCCRPSCCQT TCCRTTCCRPSCCVSSCCRPQCCQSVCCQPTCCRPSCCISSSCCPSCCESSCCRP CCCLRPVCGRVSCHTTCYRPTCVISTCPRPLCCASSCC

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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	KRTAP4-12 keratin associated protein 4-12 [Homo sapiens (human)]
Official Symbol	KRTAP4-12
Synonyms	KRTAP4-12; keratin associated protein 4-12; KAP4.12; KRTAP4.12; keratin-associated protein 4-12; keratin-associated protein 4.12; ultrahigh sulfur keratin-associated protein 4.12
Gene ID	https://www.ncbi.nlm.nih.gov/gene/?term=83755
mRNA Refseq	NM_031854
Protein Refseq	NP_114060
UniProt ID	Q9BQ66

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