

Recombinant Human UACA protein, His & T7-tagged

Cat. No. UACA-1900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UACA aa. (Ala29~Glu209 (Accession # Q9BZF9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala29~Glu209
Description	This gene encodes a protein that contains ankyrin repeats and coiled coil domains and likely plays a role in apoptosis. Studies in rodents have implicated the encoded protein in the stimulation of apoptosis and the regulation of mammary gland involution, in which the mammary gland returns to its pre-pregnant state. This protein has also been proposed to negatively regulate apoptosis based on experiments in human cell lines in which the protein was shown to interact with PRKC apoptosis WT1 regulator protein, also known as PAR-4, and inhibit translocation of the PAR-4 receptor. Autoantibodies to this protein have been identified in human patients with panuveitis and Graves' disease. Differential expression of this gene has been observed in various human cancers.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.7

GENE INFORMATION

Gene Name	UACA uveal autoantigen with coiled-coil domains and ankyrin repeats [Homo sapiens (human)]
Official Symbol	UACA
Synonyms	UACA; uveal autoantigen with coiled-coil domains and ankyrin repeats; NUCLING; uveal autoantigen with coiled-coil domains and ankyrin repeats; nuclear membrane binding protein
Gene ID	55075

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mRNA Refseq	NM_001008224.2
Protein Refseq	NP_001008225.1
UniProt ID	Q9BZF9

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