

Recombinant Human KIAA0226 Protein, MYC/DDK-tagged

Cat. No. KIAA0226-406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KIAA0226 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a negative regulator of autophagy and endocytic trafficking and controls endosome maturation. This protein contains two conserved domains, an N-terminal RUN domain and a C-terminal DUF4206 domain. The RUN domain is involved in Ras-like GTPase signaling, and the DUF4206 domain contains a diacylglycerol (DAG) binding-like motif. Mutation in this gene results in deletion of the DAG binding-like motif and causes a recessive ataxia. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Apr 2014]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	108.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	RUN and cysteine rich domain containing beclin 1 interacting protein [Homo sapiens]
Official Symbol	RUBCN
Synonyms	RUBICON; SCAR15
Gene ID	9711
mRNA Refseq	NM_001145642.2
Protein Refseq	NP_001139114.1
MIM	613516
UniProt ID	Q92622

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