

Recombinant Human RUFY3 Protein, MYC/DDK-tagged

Cat. No. RUFY3-2018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RUFY3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	This gene encodes a RPIP8, UNC-14, and NESCA domain-containing protein that is required for maintenance of neuronal polarity. In addition, it has been implicated in mediation of gastric cancer cell migration and invasion via interaction with P21-activated kinase-1, which promotes its expression. The encoded protein localizes to F-actin-enriched invadopodia to induce formation of protrusions, thereby facilitating cell migration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.8 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	RUFY3 RUN and FYVE domain containing 3 [Homo sapiens]
Official Symbol	RUFY3
Synonyms	RIPX; SINGAR1; ZFYVE30
Gene ID	22902
mRNA Refseq	NM_001037442
Protein Refseq	NP_001032519
MIM	611194
UniProt ID	Q7L099

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