

# Recombinant Human RUFY3, His-tagged

**Cat. No.** RUFY3-30763TH    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant fragment, corresponding to amino acids 147-469 of Human RIPX, with N terminal His tag; 323 amino acids, 40kDa.                                                                             |
| <b>Species</b>                  | Human                                                                                                                                                                                                  |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                 |
| <b>ProteinLength</b>            | 147-469 a.a.                                                                                                                                                                                           |
| <b>Description</b>              | RIPX (located on chromosome 4) is implicated in the formation of a single axon by developing neurons. May inhibit the formation of additional axons by inhibition of PI3K in minor neuronal processes. |
| <b>Conjugation</b>              | HIS                                                                                                                                                                                                    |
| <b>Form</b>                     | Lyophilised:Reconstitution with 110 µl aqua dest.                                                                                                                                                      |
| <b>Storage buffer</b>           | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                                                                          |
| <b>Storage</b>                  | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                  |
| <b>Sequences of amino acids</b> | TASVKDLPGLKTPVGRGRAWLRLALMQKKLSEYMKALINK KELLSEFYEPNALMME<br>EEGAIAGLLVLGNVIDANFCM KGEDLDSQVGVIDFSMYLKDGNSSKGTEDGGQITAI<br>LD QKNYVEELNRHLNATVNNLQAKVDALEKSNTKLTEELA VANNRIITLQEEMERVK                 |

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EESYILESNRKGPKQDRTAEGQ ALSEARKHLKEETQLRLDVEKELEMQISMQRQEM  
ELAMK MLEKDVCEKQDALVSLRQQLDDLRLALKHELAFKLQSSD LGVKQKSELNSR  
LEEKTNQMAATIKQLEQSEKDLVKQA KTLNSAANKLIPKHH

## GENE INFORMATION

**Gene Name** RUFY3 RUN and FYVE domain containing 3 [ Homo sapiens ]

**Official Symbol** RUFY3

**Synonyms** RUFY3; RUN and FYVE domain containing 3; protein RUFY3; KIAA0871; RIPx; Singar1; single axon related 1;

**Gene ID** 22902

**mRNA Refseq** NM\_014961

**Protein Refseq** NP\_055776

**MIM** 611194

**Uniprot ID** Q7L099

**Chromosome  
Location** 4q13.3

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