Recombinant Human RUFY2 protein, GST-tagged

Cat. No. RUFY2-8544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RUFY2 protein(1-403 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-403 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MATKDPTAVERANLLNMAKLSIKGLIESALSFGRTLDSDYPPLQQFFVVMEHCLKHG LKVRKSFLSYNKTIWGPLELVEKLYPEAEEIGASVRDLPGLNEFYEYHALMMEEEGA VIVGLLVGLNVIDANLCVKGEDLDSQVGVIDFSMYLKNEEDIGNKERNVQIAAILDQKN YVEELNRQLNSTVSSLHSRVDSLEKSNTKLIEELAIAKNNIIKLQEENHQLRSENKLIL MKTQQHLEVTKVDVETELQTYKHSRQGLDEMYNEARRQLRDESQLRQDVENELAV QVSMKHEIELAMKLLEKDIHEKQDTLIGLRQQLEEVKAINIEMYQKLQGSEDGLKEKN EIIARLEEKTNKITAAMRQLEQSDNDLLTQTRTIAMSLVKCASSDTQDQYKLVKDISF
Purity	85%, by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	RUFY2 RUN and FYVE domain containing 2 [Homo sapiens]
Official Symbol	RUFY2
Synonyms	RUFY2; RUN and FYVE domain containing 2; RUN and FYVE domain-containing protein 2; FLJ10063; KIAA1537; RABIP4R; ZFYVE13; antigen MU-RMS-40.17; RUN and FYVE domain-containing 2; rab4-interacting protein related; Run- and FYVE-domain containing protein;
mRNA Refseq	NM_001042417
Protein Refseq	NP_001035882
MIM	610328
UniProt ID	Q8WXA3
Gene ID	55680

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SDS-PAGE	

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