

# Recombinant Full Length Human RAB5A protein, His-SUMO-tagged

**Cat. No.** RAB5A-3403H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAB5A protein(P20339)(1-215aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-215aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 39.7 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MASRGATRPNGPNTGNKICQFKLVLLGESAVGKSSLVLRVKGQFHEFQESTIGAALF<br>LTQTVCLDDTTVKFEIWDTAGQERYHSLAPMYRGAQAIAIVVYDITNEESFARAKNW<br>VKELQRQASPNIVIALSGNKADLANKRAVDFQEAQSYADDNSLLFMETSAKTSMNVN<br>EIFMAIAKKLPKNPQNPGANSARGRGVDLTEPTQPTRNQCCSN    |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

#### Gene Name

[RAB5A](#) [RAB5A, member RAS oncogene family \[ Homo sapiens \]](#)

#### Official Symbol

[RAB5A](#)

#### Synonyms

[RAB5A](#); [RAB5A, member RAS oncogene family](#); [RAB5](#); [ras-related protein Rab-5A](#); [RAS associated protein RAB5A](#); [RAS-associated protein RAB5A](#);

#### Gene ID

[5868](#)

#### mRNA Refseq

[NM\\_004162](#)

#### Protein Refseq

[NP\\_004153](#)

#### MIM

[179512](#)

#### UniProt ID

[P20339](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA