

## Recombinant Human RASL10B protein, His-tagged

**Cat. No.** RASL10B-5744H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RASL10B protein(1-203 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-203 aa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). 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 300 mM imidazole. |
| <b>AASequence</b>       | MVSTYRVAVLGARGVGKSAIVRQFLYNEFSEVCVPTTARRLYLPAVVMNGHVHDLQI<br>LDFPPISAFPVNTLQEWADTCCRGLRSVHAYILVYDICCDFSFEYVKTIQQILETRVI<br>GTSETPIIIVGNKRD LQRGRVIPRWNVSHLVRKTKWCGYVECSAKYNWHILLFSELL<br>KSVGCARCKHVHAALRFQ GALRRNRCAIM                                                                                                                                                      |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | 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.                                                                                                                                                                        |

 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

**Reconstitution**

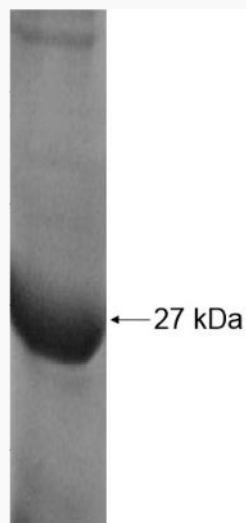
Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

|                        |                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RASL10B RAS-like, family 10, member B [ Homo sapiens ]                                                                                                    |
| <b>Official Symbol</b> | RASL10B                                                                                                                                                   |
| <b>Synonyms</b>        | RASL10B; RAS-like, family 10, member B; ras-like protein family member 10B; RRP17; VTS58635; Ras-related protein 17; ras-like protein VTS58635; MGC47540; |
| <b>Gene ID</b>         | 91608                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_033315                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_201572                                                                                                                                                 |
| <b>MIM</b>             | 612128                                                                                                                                                    |
| <b>UniProt ID</b>      | Q96S79                                                                                                                                                    |

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**SDS-PAGE**



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