

## Recombinant Human RAS-like, family 12, His-tagged

**Cat. No.** RASL12-647H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RASL12, 1-266aa Human, His tag, E.coli                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-266 a.a.                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | RASL12 belongs to the small GTPase superfamily, Ras family. Recombinant human RASL12 protein, fused to His-tag at N-terminus, was expressed in E.coli.                                                                                                                                                                                      |
| <b>Form</b>             | Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 32.1 kDa (289aa)                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMSSVFGK PRAGSGPQSA PLEVNLAILG<br>RRGAGKSALT VKFLTKRFIS EYDPNLEDY SSEETVDHQP VHLRVMDTAD<br>LDTPRNCERY LNWAHAFLVV YSVDSRQSFD SSSSYLELLA LHAKETQRSI<br>PALLLGNKLD MAQYRQVTKA EGVALAGRFG CLFFEVSACL DFEHVQHVFH<br>EAVREARREL EKSPLTRPLF ISEERALPHQ APLTARHGLA SCTFNTLSTI<br>NLKEMPTVAQ AKLVTVKSSR AQSKRKAPTL TLLKGFKIF |
| <b>Purity</b>           | >85 % by SDS - PAGE                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store                                                                                                                                                                                                                                                       |

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at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** RASL12 RAS-like, family 12 [ Homo sapiens ]

**Official Symbol** RASL12

**Synonyms** RASL12; RAS-like, family 12; ras-like protein family member 12; Ras family member Ris; RIS; ras-like protein Ris;

**Gene ID** 51285

**mRNA Refseq** NM\_016563

**Protein Refseq** NP\_057647

**UniProt ID** Q9NYN1

**Chromosome Location** 15q11.2-q22.33

**Function** GTP binding; GTPase activity; nucleotide binding;

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