

## Recombinant Human RAE1 protein, GST-tagged

**Cat. No.** RAE1-3408H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAE1 protein(P78406)(1-368aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-368aa                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 68 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MSLFGTTSGFGTSGTSMFGSATTDNHNPMKDIEVTSSPDDSIGCLSFSPPTLPGNFL</p> <p>IAGSWANDVRCWEVQDSGQTIPKAQQMHTGPVLDVCWSDDGSKVFTASCDKTAK</p> <p>MWDLSSNQAIQIAQHDAPVKTIHWIKAPNYSCVMTGSDKTLKFWDRSSNPMMLV</p> <p>QLPERCYCADVIYPMAVVATAERGLIVYQLENQPSSEFRRIESPLKHQHRCVAIFKDK</p> <p>QNKPTGFALGSIEGRVAIHYNPPNPAKDNFTFKCHRSNGTNTSAPQDIYAVNGIAFH</p> <p>PVHGTLATVGSDFRFSFWDKDARTKLKTSEQLDQPISACCFNHNGNIFAYASSYDW</p> <p>SKGHEFYNPQKKNYIFLRNAAEELKPRNKK</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                           |

 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

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | 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%.                                                                                                                                                      |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | RAE1 RAE1 RNA export 1 homolog (S. pombe) [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | RAE1                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | RAE1; RAE1 RNA export 1 homolog (S. pombe); RAE1 (RNA export 1, S.pombe) homolog; mRNA export factor; Mnrp41; mRNA export protein; rae1 protein homolog; migration-inducing gene 14; mRNA-binding protein, 41-kD; mRNA-associated protein MRNP 41; homolog of yeast Rae1 (Bharathi) mRNA-associated protein of 41 kDa (Kraemer); MIG14; MRNP41; dJ481F12.3; dJ800J21.1; FLJ30608; MGC117333; MGC126076; MGC126077; |
| <b>Gene ID</b>          | 8480                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>      | NM_001015885                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_001015885                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>              | 603343                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | P78406                                                                                                                                                                                                                                                                                                                                                                                                             |

 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