

## Recombinant Mouse Rhox5 protein, GST-tagged

**Cat. No.** Rhox5-301540M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Rhox5 (1-106 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Ser106                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | MEAEGSSRKVTRLLRLGVKEDSEEQHVDVKAEEFFQAGEGRDEQGAQQPGVGAV<br>GTEGEGEELNGGKGHFGPGAPGPMGDGDKDSGTRAGGVEQEQQNEPVAEGTES                                                                                                                        |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. 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

## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Rhox5 reproductive homeobox 5 [ Mus musculus ]                                                                                                                                                                                                             |
| Official Symbol | Rhox5                                                                                                                                                                                                                                                      |
| Synonyms        | RHOX5; reproductive homeobox 5; homeobox protein Rhox5; homeobox protein Pem; placenta and embryos oncofetal; reproductive homeobox on chromosome X 5; reproductive homeobox on X chromosome, 5; placenta and embryonic expression protein; Pem; AA409564; |
| Gene ID         | 18617                                                                                                                                                                                                                                                      |
| mRNA Refseq     | NM_008818                                                                                                                                                                                                                                                  |
| Protein Refseq  | NP_032844                                                                                                                                                                                                                                                  |

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