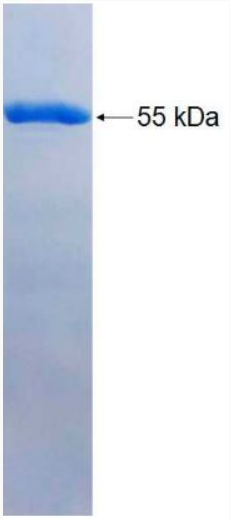
# Recombinant Human ZRSR1 protein, GST-tagged

**Cat. No.** ZRSR1-3533H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ZRSR1 protein(1-200 aa), fused with N-terminal GST tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-200 aa |
| **Form** | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM $Na_2HPO_4$, 17 mM $NaH_2PO_4$, 68 mM NaCl, pH 8.0). 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 100 mM reduced glutathione (GSH). |
| **AASequence** | MAALEKMTFPKKMTFPEKPSHKKYRAALKKEKRKKRRQELARLRDSGLSQEEEEDT FIEEQQLEEEKLLERERERLHEEWLLREQKAQEEFRIKKEKEEAAKKWLEEQERKLK EQWKEQQRKEREEEEQKQQEKKEKEEAVQKMLDQAENDLENSTTWQNPEPPVDF RVMEKDRANCPFYSKTGACRFGDRCSRKHNFPT |
| **Purity** | 80%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | 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 Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **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. |
| **SDS-PAGE** |  |

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