

Full-Length

## SH3BGR (Human) Recombinant Protein (P02)

Catalog # H00006450-P02

Size 50 ug

### Specification

|                             |                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human SH3BGR full-length ORF ( ACT64582.1, 1 a.a. - 239 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                         |
| <b>Sequence</b>             | MPLLLLGETEPLKLERDCRSPVEPWAAASPDALACLCHCQDLSSGAFPNRGVLGGVLFPTVE<br>MVIKVFVATSSGSAIRKKQQEVVGFLEANKIDFKELDIAGDEDNRRWMRENVPGKKPQNGIPLP<br>PQIFNEEQYCGDFDSFFSAKEENIYSFLGLAPPPDSKGSEKAEEGGETEAQKEGSEDVGNLPEA<br>QEKNEEEGETATEETEEIAMEGAEGEAEETAEEGEEPGEDEDS |
| <b>Host</b>                 | Wheat Germ (in vitro)                                                                                                                                                                                                                                 |
| <b>Theoretical MW (kDa)</b> | 26.3                                                                                                                                                                                                                                                  |
| <b>Preparation Method</b>   | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                 |
| <b>Purification</b>         | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>       | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                              |
| <b>Storage Instruction</b>  | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                       |
| <b>Note</b>                 | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                |

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SH3BGR

|                     |                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">6450</a>                                                                                                                     |
| GeneBank Accession# | <a href="#">GQ129448.1</a>                                                                                                               |
| Protein Accession#  | <a href="#">ACT64582.1</a>                                                                                                               |
| Gene Name           | SH3BGR                                                                                                                                   |
| Gene Alias          | 21-GARP                                                                                                                                  |
| Gene Description    | SH3 domain binding glutamic acid-rich protein                                                                                            |
| Omim ID             | <a href="#">602230</a>                                                                                                                   |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                |
| Other Designations  | 21-glutamic acid-rich protein OTTHUMP00000082772 OTTHUMP00000082773 OTTHUMP00000109161 SH3-binding domain and glutamic acid-rich protein |

## Disease

- [Obesity](#)