

# Recombinant Human G3BP2, GST-tagged

**Cat. No.** G3BP2-13077H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human G3BP2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-353a.a.                                                                                                                                                    |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | G3BP2 GTPase activating protein (SH3 domain) binding protein 2 [ Homo sapiens ]                                                                                                                                                                                                               |
| <b>Official Symbol</b> | G3BP2                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | G3BP2; GTPase activating protein (SH3 domain) binding protein 2; ras GTPase-activating protein-binding protein 2; KIAA0660; Ras GTPase activating protein SH3 domain binding protein 2; G3BP-2; GAP SH3 domain-binding protein 2; Ras-GTPase activating protein SH3 domain-binding protein 2; |

 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 ID             | 9908                                                                                                                                                                                                                    |
| mRNA Refseq         | NM_012297                                                                                                                                                                                                               |
| Protein Refseq      | NP_036429                                                                                                                                                                                                               |
| UniProt ID          | Q9UN86                                                                                                                                                                                                                  |
| Chromosome Location | 4q21.1                                                                                                                                                                                                                  |
| Pathway             | Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem; |
| Function            | RNA binding; nucleotide binding; receptor signaling complex scaffold activity;                                                                                                                                          |

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