

## Recombinant Human SHC4 protein, GST-tagged

**Cat. No.** SHC4-7854H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SHC4 protein(324-630 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 324-630 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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). |
| <b>AASequence</b>       | NGMAQDVISTIGQAFELRFKQYLKNPSLNTSCSEEEVHIDSHAEEREDHEYNEIPG<br>KQPPVGGVSDMRIKVQATEQMAYCPIQCEKLCYLPGNSKCSSVYENCLEQSRAIGN<br>VHPRGVQSQRGTSLLKHTRVDFDPCYINTQALQSTPGSAGNQRSAQPLGSPW<br>HCGKAPETVQPGATAQPASSHSLPHIKQQLWSEECYHGKLSRKAESLLVKDGDFL<br>VRESATSPGQYVLSGLQGGQAKHLLLVDPGKVRKDHVFDNVGHLIRYHMDNSLP<br>IISGSEVSLKQPVRKDNNPALLHSNK                                                              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,                                                                                                                                                                                                                                                                                                        |

 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

reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

#### 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.

### GENE INFORMATION

**Gene Name** SHC4 SHC (Src homology 2 domain containing) family, member 4 [ Homo sapiens ]

**Official Symbol** SHC4

#### Synonyms

SHC4; SHC (Src homology 2 domain containing) family, member 4; SHC-transforming protein 4; rai like protein; RaLP; hShcD; rai-like protein; SH2 domain protein C4; SHC-transforming protein D; src homology 2 domain-containing-transforming protein C4; SHCD; MGC34023;

**Gene ID** 399694

**mRNA Refseq** NM\_203349

**Protein Refseq** NP\_976224

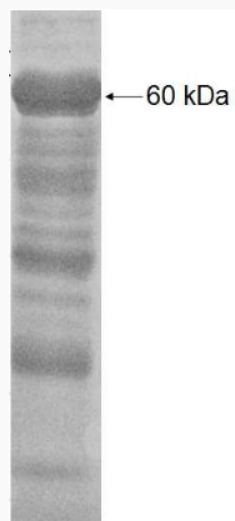
**UniProt ID** Q6S5L8

 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

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