

# Recombinant Human HSPG2 protein, His&Myc-tagged

**Cat. No.** HSPG2-2230H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HSPG2 protein(P98160)(4197-4391aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 4197-4391aa                                                                                                                                                                                                                                      |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 24.4 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | DAPGQYGAYFHDDGFLAFPGHVFSRSLPEVPETIELEVRTSTASGLLLWQGVEVGE<br>AGQGKDFISLGLQDGHVFRYQLGSGEARLVSEDPINDGEWHRVTALREGRRGSIQ<br>VDGEELVSGRSPGPNVAVNAKGSVYIGGAPDVATLTGGRFSSGITGCVKNLVLHSA<br>RPGAPPPQPLDLQHRAQAGANTRPCPS                                   |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated 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

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**GENE INFORMATION**

**Gene Name** [HSPG2 heparan sulfate proteoglycan 2 \[ Homo sapiens \]](#)

**Official Symbol** [HSPG2](#)

**Synonyms** HSPG2; heparan sulfate proteoglycan 2; Schwartz Jampel syndrome 1 (chondrodystrophic myotonia) , SJS1; basement membrane-specific heparan sulfate proteoglycan core protein; perlecan; perlecan proteoglycan; PRCAN; endorepellin (domain V region); PLC; SJA; SJS; HSPG; SJS1;

**Gene ID** [3339](#)

**mRNA Refseq** [NM\\_005529](#)

**Protein Refseq** [NP\\_005520](#)

**MIM** [142461](#)

**UniProt ID** [P98160](#)

 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