

## Recombinant Human CSAG1, His-tagged

**Cat. No.** CSAG1-151H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CSAG1, 20-78aa, Human, His tag, E.coli                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 20-78aa                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | CSAG1 is a member of a family of tumor antigens. The protein is expressed in chondrosarcomas, but may also be expressed in normal tissues such as testis. Alternative splicing of this gene results in two transcript variants encoding the same protein. Recombinant human CSAG1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 9.1 kDa (82aa) confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSDQVDWSR LYRDTGLVKM SRKPRASSPF<br>SNNHPSTPKR FPRQPKREKG PVKEVPGTKG SP                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | >90% by SDS - PAGE                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store                                                                                                                                                                                                                                                                                                                            |

 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

at -20C or -70C. Avoid repeated freezing and thawing cycles.

|                      |                                           |
|----------------------|-------------------------------------------|
| <b>Concentration</b> | 0.25 mg/ml (determined by Bradford assay) |
|----------------------|-------------------------------------------|

 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