

Human CSAGE / CSAG1 Protein (Fc Tag)

Catalog Number: 11824-H01H



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

CSAGE; CT24.1

Protein Construction:

A DNA sequence encoding the human CSAG1 (AAH59947.1) (Asp20-Pro78) was fused with the Fc region of human IgG1 at the N-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Glu

Molecular Mass:

The recombinant human CSAG1/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 320 amino acids and has a calculated molecular mass of 35.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCSAG1/Fc monomer is approximately 37 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

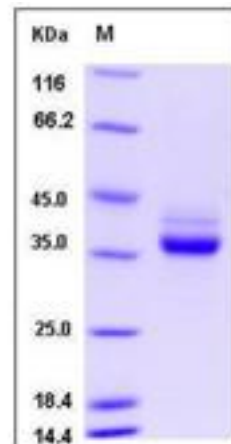
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Lin C, *et al.* (2002) Cancer/testis antigen CSAGE is concurrently expressed with MAGE in chondrosarcoma. *Gene*. 285(1-2): 269-78.
2. Levin L. CSage: Use of a Configurable Semantically Attributed Graph Editor as Framework for Editing and Visualization.
3. Lee K, *et al.* (2010) Low-Complexity Leakage-Based Carrier Frequency Offset Estimation Techniques for OFDMA Uplink Systems.

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