

Human C6 / complement component 6 Protein (His Tag)

Catalog Number: 12426-H08H



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

AW111623

Protein Construction:

A DNA sequence encoding the human C6 (AAA59668.1) (Met 1-Ala 934) was fused with a polyhistidine tag at the C-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: Cys 22

Molecular Mass:

The secreted recombinant human C6 comprises 924 amino acids and has a predicted molecular mass of 104 kDa. The apparent molecular mass of rh C6 is approximately 110 kDa in SDS-PAGE under reducing conditions.

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:

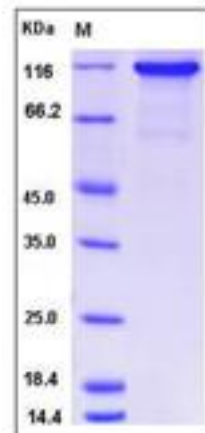
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Lengweiler S, *et al.* (1997) Elucidation of the disulfide-bonding pattern in the factor I modules of the sixth component (C6) of human complement. *Biochim Biophys Acta.* 1342 (1): 13-8.
2. Chakravarti DN, *et al.* (1989) Structural homology of complement protein C6 with other channel-forming proteins of complement. *Proc Natl Acad Sci U S A.* 86 (8): 2799-803.
3. DiScipio RG, *et al.* (1989) The molecular architecture of human complement component C6. *J Biol Chem.* 264 (27): 16197-206.

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