

A Reliable Research Partner in Life Science and Medicine

Recombinant Rat C1Inh Protein (His Tag)

Catalog Number: PDMR100085

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species Rat

Source HEK293 Cells-derived Rat C1Inh protein Met1-Ala504, with an C-terminal His

 Calculated MW
 55.3 kDa

 Observed MW
 60 kDa

 Accession
 Q6P734

Bio-activity Not validated for activity

Properties

Purity > 95% as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU/mg of the protein as determined by the LAL method

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -

80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

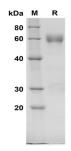
ShippingThis product is provided as lyophilized powder which is shipped with ice packs.FormulationLyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5%

Mannitol

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution

of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Rat C1Inh proteins, 2 µg/lane of Recombinant Rat C1Inh proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 60 kDa.

Background

Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com