

Recombinant Rat C1Inh protein (His tag)

Catalog Number: PDMR100015



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

Description

Synonyms	Plasma protease C1 inhibitor;C1 Inh;C1Inh;C1 esterase inhibitor;C1-inhibiting factor;Serpin G1;Serpin1
Species	Rat
Expression Host	HEK293 Cells
Sequence	Met1-Ala504
Accession	Q6P734
Calculated Molecular Weight	55.3 kDa
Observed molecular weight	65 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

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

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