

Product datasheet

C1 Inactivator overexpression 293T lysate (whole cell) ab94134

[2 Images](#)

Overview

Product name	C1 Inactivator overexpression 293T lysate (whole cell)
General notes	ab94134 is a 293T cell transfected lysate in which Human C1 Inactivator has been transiently over-expressed using a pCMV-C1 Inactivator plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	<p>Function: 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. Disease: Defects in SERPING1 are the cause of hereditary angioedema (HAE) [MIM:106100]; also called hereditary angioneurotic edema (HANE). HAE is an autosomal dominant disorder characterized by episodic local subcutaneous edema and submucosal edema involving the upper respiratory and gastrointestinal tracts. HAE due to C1 esterase inhibitor deficiency is comprised of two clinically indistinguishable forms. In HAE type 1, representing 85% of patients, serum levels of C1 esterase inhibitor are less than 35% of normal. In HAE type 2, the levels are normal or elevated, but the protein is non-functional. Similarity: Belongs to the serpin family. PTM: Highly glycosylated (49%) with N- and O-glycosylation. Can be proteolytically cleaved by E.coli stcE.</p>

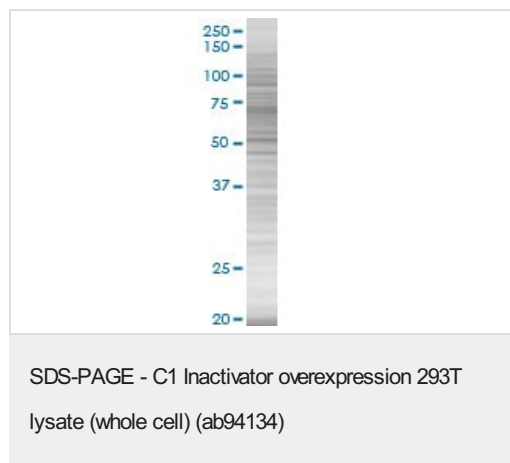
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94134 in the following tested applications.

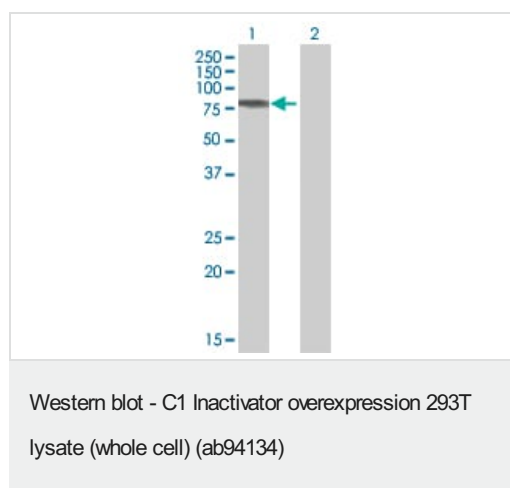
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94134 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-C1 Inactivator antibody ([ab54898](#)) at 1/500 dilution

Lane 1 : C1 Inactivator overexpression 293T lysate (whole cell) (ab94134)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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