Recombinant Rat C4d Protein, His-tagged

Cat. No. C4d-2712R **Lot. No.** (See product label)

SPECIFICATION

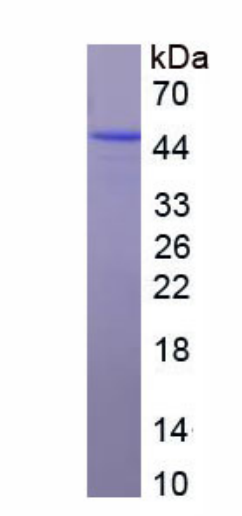
Product Overview	Recombinant Rat C4d Protein (Ser952-Arg1331) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser952-Arg1331
Description	Complement component 4d (C4d) is a degradation product of the classical pathway. C4d immunohistochemistry is used for the diagnosis of complement-dependent antibody-mediated rejection (ABMR) in posttransplant renal biopsies.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.6 kDa Accurate Molecular Mass: 47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Official Symbol	C4d
Synonyms	Complement Component 4d; C4d



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