



# DataSheet

**CATALOGUE #:** 8CC5

**PRODUCT NAME:** Recombinant canine C-reactive protein (cCRP)

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**Source:** Expressed in an insect cell line

**Applications:** To be used as a calibrator or standard for canine C-reactive protein immunodetection in a variety of applications.

**Analysis:** Recombinant cCRP consists of 204 a.a.r.  
Purity > 95% (SDS-PAGE).  
Concentration is determined spectrophotometrically.  
Immunoreactivity is confirmed by reaction with monoclonal antibodies (Cat. # 4CC5) specific to different epitopes of cCRP molecule.

**Purification:** Purified using affinity chromatography

**Presentation:** Lyophilized from 20 mM Tris-HCl, pH 7.5, 150 mM NaCl, 2mM CaCl<sub>2</sub>  
It is recommended to reconstitute this product with deionized water to its initial concentration.

**Storage:** Lyophilized and reconstituted at -20 °C (-15 ... -30 °C allowed)

**Other information:** Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.  
To prepare diluted samples of cCRP it is recommended to use the following buffer: 20 mM Tris-HCl, pH 7.5, 150 mM NaCl, 2 mM CaCl<sub>2</sub>.

**Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

**Notice to purchase:** This product has been manufactured and is being marketed, distributed or sold under a license to patent No. JP 2010-133601, and patents and patent applications identical thereto filed in any other jurisdictions in the world by Nitto Boseki Co., Ltd., National Agriculture and Food Research Organization and/or their successors and permitted assignees.

Important note! Companies producing assays utilizing this product for commercial purposes shall need to include and shall need to require their subcontractors, distributors, agents and sales representatives to include the following marking with the relevant technical documentation delivered in connection with the products to be sold or distributed: "Recombinant Canine CRP used in this product has been manufactured and is being marketed, distributed or sold under a license to patent No. JP 2010-133601, and patents and patent applications identical thereto filed in any other jurisdictions in the world by Nitto Boseki Co., Ltd., National Agriculture and Food Research Organization and/or their successors and permitted assignees."

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