Recombinant Canine IGFBP5 protein(Met1-Glu271), hFc-tagged

Cat. No. IGFBP5-172C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IGFBP5 (F1PEQ5) (Met1-Glu271) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	Met1-Glu271
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Canine IGFBP5/Fc is a disulfide-linked homodimer. The reduced monomer comprises 493 amino acids and has a predicted molecular mass of 55.5 kDa. The apparent molecular mass of the protein is approximately 64, 45, 43, 40, and 33 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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