

Active Recombinant Canine BMPR1A protein(Met1-Arg152), hFc-tagged

Cat. No. BMPR1A-1043C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine BMPR1A (NP_001138622.1) (Met1-Arg152) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	Met1-Arg152
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit rhBMP4-induced alkaline phosphatase production by MC3T3-E1 cells. The ED50 for this effect is typically 0.5-2.5 µg/mL in the presence of 50 ng/mL of recombinant human BMP4.
Molecular Mass	The recombinant Canine BMPR1A consists 370 amino acids and predicts a molecular mass of 41.2 kDa.
Endotoxin	< 1.0 EU per µg 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.

 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

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.

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