

Active Recombinant Canine BMPR1A protein, hFc-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Canine BMPR1A protein(NP_001138622.1)(Gln24-Arg152) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.
Species	Canine
Source	HEK293
ProteinLength	24-152 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured by its ability to inhibit rhBMP4-induced alkaline phosphatase production by ATDC5 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 protein has a predicted MW of 40.94 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

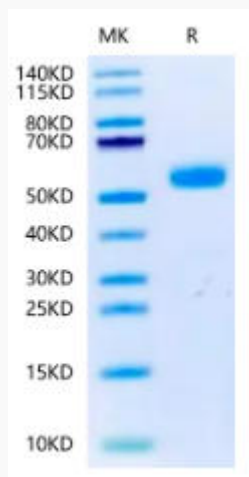
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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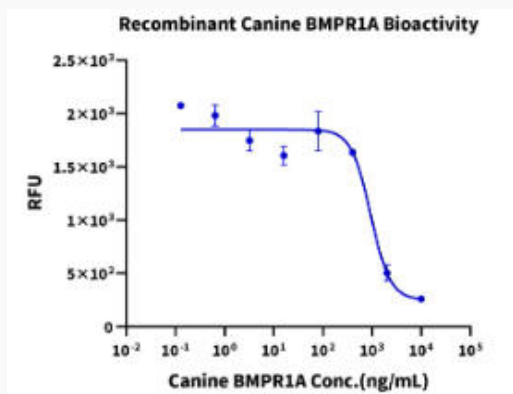
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



Cell Based Assay



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