



## PRODUCT DATA SHEET

**Product:** BMPR-1A, Soluble (human, recombinant)

**Cat. No:** BC-236 (100 µg)

**Source:** Glycosylated monomer produced in insect cells. The extracellular domain of human BMPR-1A was fused to C-terminal His-tag.

**MW:** ~23 kDa.

**Format:** Lyophilized. Purity >90% by SDS-PAGE. Endotoxin level: <0.1 ng/µg of sBMPR-1A.

**Reconstitution:** We recommend adding sterile PBS containing at least 0.1% HAS or BSA to the vial to prepare a stock solution of no less than 100 µg/ml of BMPR-1A.

**Biological Activity:**

Inhibits rhBMP-2 induced alkaline phosphatase production by C2C12 myogenic cells ( $ED_{50}=1-3$  ng/ml in the presence of 500 ng/ml rhBMP-2).

**Storage and Stability:**

Short term store at -20°C. Long term store at -80°C. Avoid freeze/thaw cycles.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.