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Datasheet for ABIN7491355  
**BMPR1A Protein (Fc Tag)**

### Overview

Quantity:	100 µg
Target:	BMPR1A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMPR1A protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human BMPR1A Protein with C-terminal human Fc tag
Specificity:	BMPR1A (Gln24-Arg152) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	BMPR1A
Alternative Name:	BMPR1A ( <a href="#">BMPR1A Products</a> )
Background:	ACVRLK3, ALK3, CD292, SKR5The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta

## Target Details

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superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kDa and type II receptors of about 70-80 kDa. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. [provided by RefSeq, Jul 2008]

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Molecular Weight: predicted molecular mass of 40.3 kDa after removal of the signal peptide. The apparent molecular mass of BMPRI1A-hFc is 35-70 kDa due to glycosylation.

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UniProt: [P36894](#)

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Pathways: [Stem Cell Maintenance](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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Storage: -20 °C,-80 °C

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Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months