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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

BMPR1A (Human) Recombinant Protein

Catalog Number: P8465

Regulation Status: For research use only (RUO)

Product Description: Human BMPR1A (P36894) recombinant protein with His-tag at C-terminal expressed in *Baculovirus*.

Host: Viruses

Theoretical MW (kDa): 23

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Baculovirus* expression system

Purity: > 90% by HPLC and SDS PAGE

Activity: Measured by the ability to inhibit recombinant human BMP-2 induced alkaline phosphatase production by C2C12 myogenic cells. The ED₅₀ for this effect is typically 1-3 ug/mL in the presence of 500 ng/mL of recombinant human BMP-2 corresponding to a Specific Activity of 2,000 units/mg.

Storage Buffer: Lyophilized from 1X PBS.

Storage Instruction: Store, frozen at -20°C for longer periods of time.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid multiple freeze-thaw cycles.

Entrez GeneID: 657

Gene Symbol: BMPR1A

Gene Alias: 10q23del, ACVRLK3, ALK3, CD292

Gene Summary: The 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 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 kD and type II receptors of about 70-80 kD. 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]