



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## BMPR1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000658-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

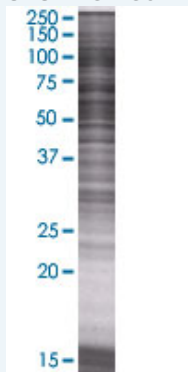
**Plasmid:** pCMV-BMPR1B full-length

**Host:** Human

**Theoretical MW (kDa):** 55.33

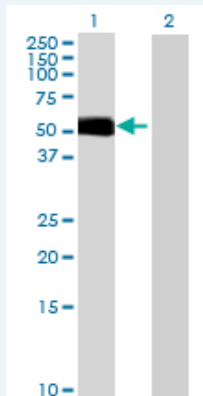
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-BMPR1B antibody ([H00000658-B01](#)) by Western Blots.

#### SDS-PAGE Gel



BMPR1B transfected lysate.

#### Western Blot



Lane 1: BMPR1B transfected lysate ( 55.33 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [658](#)

GeneBank Accession#: [NM\\_001203.1](#)

Protein Accession#: [NP\\_001194.1](#)

Gene Name: [BMPR1B](#)

Gene Alias: [ALK-6,ALK6,CDw293](#)

Gene Description: [bone morphogenetic protein receptor, type IB](#)

Omim ID: [112600, 603248](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of 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. Mutations in this gene have been associated with primary pulmonary hypertension. [provided by RefSeq]

Other Designations: [OTTHUMP00000161622,activin receptor-like kinase 6,serine/threonine receptor kinase](#)

### Gene Pathway

[Cytokine-cytokine receptor interaction](#) [TGF-beta signaling pathway](#)

### Related Disease

[Adenomatous Polyposis Coli](#) [Cleft Lip](#) [Cleft Palate](#) [Colon cancer](#) [Colonic Neoplasms](#) [Genetic Predisposition to Disease](#) [Obesity](#) [Ovarian Failure](#), [Premature Polycystic Ovary Syndrome](#) [Puberty, Delayed](#) [Puberty, Precocious](#) [Thrombophilia](#) [Tobacco Use Disorder](#)