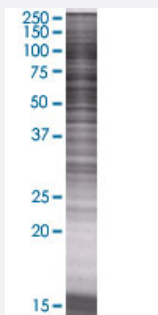


BMPR1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000658-T01

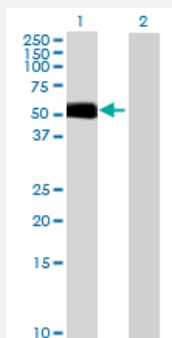
Size 100 uL

Applications



SDS-PAGE Gel

BMPR1B transfected lysate.



Western Blot

Lane 1: BMPR1B transfected lysate (55.33 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — BMPR1B

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

Pathway

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

Disease

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