Recombinant Human BMPR2 protein, His-tagged

Cat. No. BMPR2-134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMPR2 protein(NP_001195.2)(Met 1-Ile 151) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-151 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human BMPR-II consists of 136 amino acids and has a predicted molecular mass of 15.6 kDa. As a result of glycosylation, the apparent molecular mass of rhBMPR-II is approximately 30-40 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	BMPR2 bone morphogenetic protein receptor, type II (serine/threonine kinase) [Homo sapiens]
Official Symbol	BMPR2
Synonyms	BMPR2; bone morphogenetic protein receptor, type II (serine/threonine kinase); PPH1, primary pulmonary hypertension 1; bone morphogenetic protein receptor type-2; BMPR II; BMPR3; BRK 3; T ALK; BMPR-2; BMP type-2 receptor; BMP type II receptor; type II activin receptor-like kinase; bone morphogenetic protein receptor type II; type II receptor for bone morphogenetic protein-4; BMR2; PPH1; BRK-3; T-ALK; BMPR-II; FLJ41585; FLJ76945;
Gene ID	659
mRNA Refseq	NM_001204
Protein Refseq	NP_001195
MIM	600799
UniProt ID	Q13873

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