

BMPR-2 recombinant protein

Recombinant Human BMPR-2 Protein

CATALOG #
AAA282510

HOST
HEK293 cells

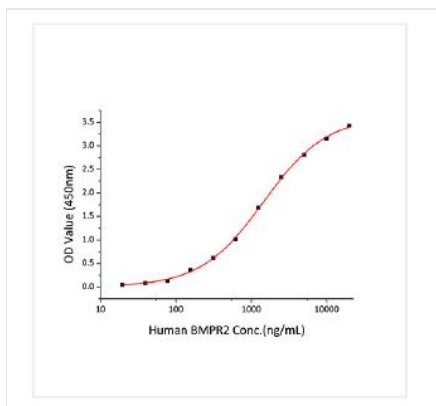
PRODUCT SYNONYMS

BMPR-2; Recombinant Human BMPR-2 Protein; BMPR2; BMPR-II; BMPR3; BMR2; BRK-3; POVD1; PPH1; T-ALK; bone morphogenetic protein receptor type-2; BMPR-2 recombinant protein

PRODUCT SPECIFICATIONS

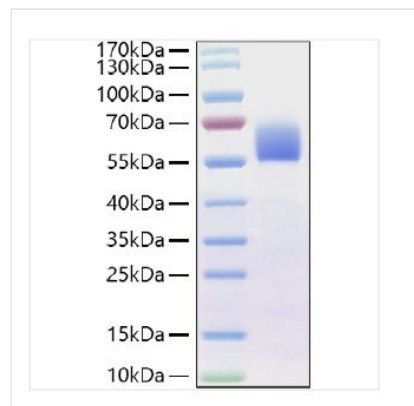
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Endotoxin	< 1 EU/ug of the protein by LAL method.
Tag	C-hFc
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human BMP2 at 1 ug/mL (100 uL/well) can bind Human BMPR2 with a linear range of 19.5 ng/ml-1.46 ug/ml.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized Human BMP2 at 1 ug/mL (100 uL/well) can bind Human BMPR2 with a linear range of 19.5 ng/ml-1.46ug/mL.



SDS-PAGE

Active Recombinant Human BMPR-2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55-65kDa.

ADDITIONAL INFORMATION

Related Product Information for BMPR-2 recombinant protein

Recombinant Human BMPR-2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser27-Ile151) of human BMPR2 (Accession #NP_001195.2) fused with a hFc tag at the C-terminus.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451916
NCBI GeneID	659
NCBI Accession #	NP_001195.2
NCBI GenBank Nucleotide #	NM_001204.6
UniProt Accession #	Q13873; Q16569; Q4ZG08; Q53SA5; Q585T8
Molecular Weight	115,201 Da
NCBI Official Full Name	bone morphogenetic protein receptor type-2
NCBI Official Synonym Full Names	bone morphogenetic protein receptor, type II (serine/threonine kinase)
NCBI Official Symbol	BMPR2
NCBI Official Synonym Symbols	BMR2; PPH1; BMPR3; BRK-3; T-ALK; BMPR-II
NCBI Protein Information	bone morphogenetic protein receptor type-2; 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
UniProt Protein Name	Bone morphogenetic protein receptor type-2
UniProt Gene Name	BMPR2
UniProt Synonym Gene Names	PPH1; BMP type-2 receptor; BMPR-2; BMP type II receptor; BMPR-II
UniProt Entry Name	BMPR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.