

Human BMPR2 (His Tag) recombinant protein



Catalog Number: 503432

General Information

Gene Name Synonym

Bone morphogenetic protein receptor type II

Protein Construction

A DNA sequence encoding the human BMPR-II (NP_001195.2) extracellular domain (Met 1-Ile 151) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ser 27

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

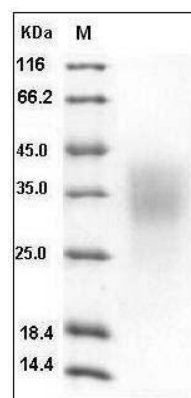
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human BMPR2 / BMPR-II Protein (His Tag) SDS-PAGE