

Recombinant Human AMHR2/MISR2 Protein

Catalog No.: RP01962 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	269	Q16671

Tags

C-hFC

Synonyms

AMHR2; AMHR; MISR2; Anti-Muellerian hormone type-2 receptor; EC:2.7.11.30; Anti-Muellerian hormone type II receptor; AMH type II receptor; MIS type II receptor; MISRII; MRII

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
39.46 kDa	45-60 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

AMHR2 On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators.

Basic Information

Description

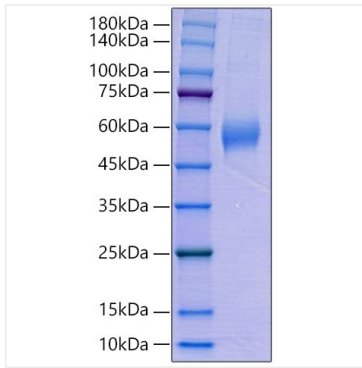
Recombinant Human AMHR2/MISR2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Pro18-Ser144) of Human AMHR2/MISR2 (Accession #Q16671) fused with a hFC tag at the C-terminus.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human AMHR2/MISR2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.