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Recombinant Human AMHR2/MISR2 Protein

Catalog No.: RP01982 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	269	Q16671

Tags
C-6His

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	≥ 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
14.4 KDa	15-35 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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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.

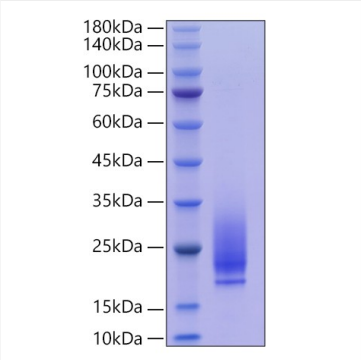
Basic Information

Description
Recombinant Human AMHR2/MISR2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala17-Ser144) of Human AMHR2/MISR2 (Accession #NP_065434.1) fused with His at the C-terminus.

Bio-Activity

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ 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.