

Recombinant Human AMHR2 293 Cell Lysate

Cat. No. AMHR2-8883HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for anti-Mullerian hormone receptor, type II (AMHR2), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

AMHR2 anti-Mullerian hormone receptor, type II [Homo sapiens]

Official Symbol

AMHR2

Synonyms

AMHR2; anti-Mullerian hormone receptor, type II; anti-Muellerian hormone type-2 receptor; MISR2; MISRII; M?llerian inhibiting substance type II receptor; AMH type II receptor; MIS type II receptor; anti-Muellerian hormone type II receptor; Mullerian inhibiting substance type II receptor; AMHR; MRII;

Gene ID

269

mRNA Refseq

NM_001164690

Protein Refseq

NP_001158162

MIM

600956

UniProt ID

Q16671

Chromosome Location

12q13

Pathway

ALK2 signaling events, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; TGF-beta signaling pathway, organism-specific biosystem;

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TGF-beta signaling pathway, conserved biosystem;

Function

ATP binding; hormone binding; metal ion binding; nucleotide binding; receptor activity; transforming growth factor beta receptor activity, type II;

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