

Product datasheet

Recombinant Human AMHR2 protein ab201383

1 Image

Description

**Product name** Recombinant Human AMHR2 protein

**Purity** > 70 % Densitometry.

**Expression system** Baculovirus infected Sf9 cells

**Accession** [NM\\_020547](#)

**Protein length** Protein fragment

**Animal free** No

**Nature** Recombinant

**Species** Human

**Sequence** QRKNYRVRGE PVPEPRPDSG RDWSVELQEL  
 PELCFSQVIR EGGHAVVWAG QLQGKLVAIK  
 AFPPRSVAQF QAERALYELP GLQHDHVMRF  
 ITASRGGPGR LLSGPLLVE LHPKGSLSLCHY  
 LTQYTSWGS SLRMALSLAQ GLAFLHEERW  
 QNGQYKPGIA HRDLSSQNVL IREDGSCAIG  
 DLGLALVLPGLTQPPAWTPTQPQGPAAIME  
 AGTQRYMAPE LLDKTLDLQD WGMALRRADI  
 YSLALLLWEILSRCPDLRPDSSPPPFQLAY  
 EAELGNTPTS DELWALAVQE RRRPYIPSTW  
 RCFATDPDGL RELLEDCWDA DPEARLTAEC  
 VQQLAALAH PQESHPPFES CPRGCPPLCP  
 EDCTSIPAPTILPCRQRSA CHFSVQQGPC  
 SRNPQPACTLSPV

**Predicted molecular weight** 70 kDa including tags

**Amino acids** 171 to 573

**Tags** GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab201383** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Liquid

## Preparation and Storage

### Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituents: 0.79% Tris HCl, 0.87% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine)

## General Info

### Function

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. Receptor for anti-Muellerian hormone.

### Involvement in disease

Defects in AMHR2 are the cause of persistent Muellerian duct syndrome type 2 (PMDS2) [MIM:261550]. PMDS2 is a form of male pseudohermaphroditism characterized by a failure of Muellerian duct regression in otherwise normal males.

### Sequence similarities

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily.

Contains 1 protein kinase domain.

### Cellular localization

Membrane.

## Images



SDS analysis of ab201383

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