

Recombinant Pig AVPR2 Protein (292-370 aa), His-SUMO-tagged

Cat. No. AVPR2-2048P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig AVPR2 Protein (292-370 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Pig
Source	E.coli
ProteinLength	292-370 aa
Description	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:8393786). Involved in renal water reabsorption (By similarity).
Form	Tris-based buffer,50% glycerol
Molecular Mass	24.7 kDa
AA Sequence	WSVWDPKAPREGPPFVLLMLLASLNSCTNPWIYASFSSSISSELRSLCCPRRRTPP SLRPQEESCATASSFSARDTSS
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

AVPR2 arginine vasopressin receptor 2 [Sus scrofa]

Official Symbol

AVPR2

Synonyms

AVPR2; 2R; AVPR V2; antidiuretic hormone receptor;

Gene ID

397462

mRNA Refseq

NM_214232

Protein Refseq

NP_999397

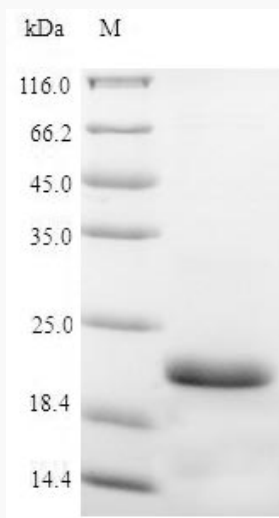
UniProt ID

P32307

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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