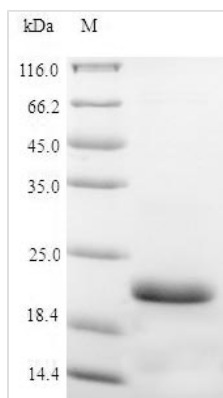




Recombinant Pig Vasopressin V2 receptor (AVPR2), partial

Product Code	CSB-EP002470PI
Relevance	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).
Abbreviation	Recombinant Pig AVPR2 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P32307
Alias	V2R Alternative name(s): AVPR V2 Antidiuretic hormone receptor Renal-type arginine vasopressin receptor
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	WSVWDPKAPREGPPFVLLMLLASLNSCTNPWIYASFSSSISSELRSLCCPRR RTPPSLRPQEESCATASSFSARDTSS
Research Area	Others
Source	E.coli
Target Names	AVPR2
Expression Region	292-370aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	24.7kDa
Protein Length	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.