

Recombinant Full Length Pig Vasoactive Intestinal Polypeptide Receptor 1(Vipr1) Protein, His-Tagged

Cat. No. RFL2102SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig Vasoactive intestinal polypeptide receptor 1(VIPR1) Protein (Q28992) (32-458aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length of Mature Protein (32-458)
Form	Lyophilized powder
AA Sequence	GLQQEECDYLMQIKVQHKQCLEEAQLENETSGCSKMWDNLTCWPATPRGQVVVLA CPLIF KLFSTQGLNVSRNCTDEGWTPLEPGPYIACGMDDKASGLDEQQTVFYNS VKTGYTIGY SLSLAALLVATAILSLFRKLHCTRNYIHMHLFISFILRATAVFIKDLALFDS EESDHCSK GSVGCKAAVVLFFQYCVMANFFWLLVEGLYLHTLLAVSFFSERKYFWG YIFVGWGVPTFI MVWTVVRIHFEDYGCWDTIHSSLWWIIPILASILVNFILFIRIIGIL VQKLPPDPVGK SDNSPYSRLAKSTLLLIPLFGVHYIMFAFFPDNFKAEVKMFELIVG SFQGCVVAILYCF LNGEVQAELRRKWRRWHQQGVLGWDSKYQHPSGGSGNGDTC STQVSMLTRVSPSARRSSSF QAEVSLV
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	VIPR1
Synonyms	VIPR1; Vasoactive intestinal polypeptide receptor 1; VIP-R-1; Pituitary adenylate cyclase-activating polypeptide type II receptor; PACAP type II receptor; PACAP-R-2; PACAP-R2
UniProt ID	Q28992