

# Recombinant Full Length Pig Calcitonin Gene-Related Peptide Type 1 Receptor(Calcrl) Protein, His-Tagged

Cat. No. RFL32613SF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Pig Calcitonin gene-related peptide type 1 receptor(CALCRL) Protein (Q8WN93) (23-462aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Sus scrofa (Pig)
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (23-462)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>ETEEENPDDLIQLTVTRNKIMTAQYECYQKIMQDPIQQTEGIYCNRTWDGWLCWND            VAAG TESMQHCPDYFQDFDPSEKVTKICDQDGNWFRHPESNRTWTNNTQCNINT            HEKVQTALNL FYLTIIGHGLSIASLLISLGIFFYFKSLSCQRITLHKNLFFSFVCNSIVTII            HLTAVANN QALVATNPVSCVKVFQFIHLYLMGCNYFWMLCEGIYLHTLIVVAVFAEKQ            HLMWYYFLGWG FPLIPACIHAVARRLYYNDNCWISSDTHLLYIIHGPICAALLVNLFFL            LNIVRVLITKLK VTHQAESNLYMKAVRATLILVPLLGIIEFVLPWRPEGKIAEEVYDYIM            HILVHYQGLLVS TIYCCFFNGEVQAILRRNWNQYKIQFGNSFSHSDALRSASYTVSTIS            DGAGYSHDYPSEHL NGKSIHDMENIVIKPEKLYD</p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

**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**

CALCRL

**Synonyms**

CALCRL; CGRPR; Calcitonin gene-related peptide type 1 receptor; CGRP type 1 receptor; Calcitonin receptor-like receptor

**UniProt ID**

[Q8WN93](#)

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