

Recombinant Full Length *Xenopus tropicalis* Calcitonin Gene-Related Peptide Type 1 Receptor(Calcr1) Protein, His-Tagged

Cat. No. RFL35097XF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Calcitonin gene-related peptide type 1 receptor(calcr1) Protein (Q0P4Y4) (29-472aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length of Mature Protein (29-472)
Form	Lyophilized powder
AA Sequence	<p>EQEQGSQIPLEEIIVGVTRNKIMTAQYECYQKIMQEPANGKEGHFCNRTWDGWLC WGDV SAGVISEQRCPDYFQDFDPSEKVTKECGKNGHWFRHPDSNRTWTNYTRCN TFTHEKVKTA LNLYYLTIIGHGLSIASLLISLGIFFYFKNLSCQRITLHKNLFFSFVCNSII TIISLSAV ANNQALVATNPVSKISQFIHLYLMGCNYFWMLCEGIYLHTLIVVAVFAEK QHLMWYYLL GWGFPLIPACIHAVARSLLYNDNCWISSETHLLYIIHGPIAALLVNLF FLLNIVRVLIT KLKVTHQAESNLYMKAVRATLILVPLLGIIEFVLPWKPEGRIAEIYDY VMHILMHYQGL LVATIFCFFNGEVQAVLKRHWNYKIQIFGSSFAHSEGLRSASYTV SSISEIQGTTYTHDY SEQSNGKNCHDMENVFFKTEKQYM</p>
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	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**

calcr1

Synonyms

calcr1; TEgg071c13.1; Calcitonin gene-related peptide type 1 receptor; CGRP type 1 receptor; Calcitonin receptor-like receptor

UniProt ID

[Q0P4Y4](#)

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