Recombinant Human CALCRL Protein, GST-Tagged

Cat. No. CALCRL-0299H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CALCRL full-length ORF (NP_005786.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CALCRL (Calcitonin Receptor Like Receptor) is a Protein Coding gene. Diseases associated with CALCRL include Pheochromocytoma and Migraine With Or Without Aura 1. Among its related pathways are Vascular smooth muscle contraction and Endothelin Pathways. GO annotations related to this gene include G-protein coupled receptor activity and protein transporter activity. An important paralog of this gene is CALCR.
Molecular Mass	76.34 kDa
AA Sequence	MEKKCTLYFLVLLPFFMILVTAELEESPEDSIQLGVTRNKIMTAQYECYQKIMQDPIQQ AEGVYCNRTWDGWLCWNDVAAGTESMQLCPDYFQDFDPSEKVTKICDQDGNWFR HPASNRTWTNYTQCNVNTHEKVKTALNLFYLTIIGHGLSIASLLISLGIFFYFKSLSCQ RITLHKNLFFSFVCNSVVTIIHLTAVANNQALVATNPVSCKVSQFIHLYLMGCNYFWM LCEGIYLHTLIVVAVFAEKQHLMWYYFLGWGFPLIPACIHAIARSLYYNDNCWISSDT HLLYIIHGPICAALLVNLFFLLNIVRVLITKLKVTHQAESNLYMKAVRATLILVPLLGIEFV LIPWRPEGKIAEEVYDYIMHILMHFQGLLVSTIFCFFNGEVQAILRRNWNQYKIQFGN SFSNSEALRSASYTVSTISDGPGYSHDCPSEHLNGKSIHDIENVLLKPENLYN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CALCRL calcitonin receptor-like [Homo sapiens]
Official Symbol	CALCRL
Synonyms	CALCRL; calcitonin receptor-like; calcitonin gene-related peptide type 1 receptor; CGRPR; CRLR; CGRP type 1 receptor; calcitonin receptor-like receptor;
Gene ID	10203
mRNA Refseq	NM_005795
Protein Refseq	NP_005786
MIM	114190
UniProt ID	Q16602

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