

Recombinant Human CALCR cell lysate

Cat. No. CALCR-272HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	This gene encodes a high affinity receptor for the peptide hormone calcitonin and belongs to a subfamily of seven transmembrane-spanning G protein-coupled receptors. The encoded protein is involved in maintaining calcium homeostasis and in regulating osteoclast-mediated bone resorption. Polymorphisms in this gene have been associated with variations in bone mineral density and onset of osteoporosis. Alternate splicing results in multiple transcript variants.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CALCR calcitonin receptor [Homo sapiens]
Official Symbol	CALCR
Synonyms	CALCR; calcitonin receptor; CTR; CRT; CT-R; CTR1;
Gene ID	799

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mRNA Refseq	NM_001164737
Protein Refseq	NP_001158209
MIM	114131
UniProt ID	P30988
Chromosome Location	7q21.3
Pathway	Calcitonin-like ligand receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;
Function	calcitonin binding; NOT calcitonin binding; calcitonin binding; calcitonin receptor activity; calcitonin receptor activity; protein binding; protein transporter activity; receptor activity; receptor activity; signal transducer activity;

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