Recombinant Full Length Human calcitonin receptor Protein, Tag Free, Liposome

Cat. No. CALCR-22HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CALCR full-length ORF (NP_001733.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Species	Human
Source	Wheat Germ
ProteinLength	1-474aa
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.
Tag	Non
Form	Liquid
Molecular Mass	55.3 kDa
AA Sequence	MRFTFTSRCLALFLLLNHPTPILPAFSNQTYPTIEPKPFLYVVGRKKMMDAQYKCYDR MQQLPAYQGEGPYCNRTWDGWLCWDDTPAGVLSYQFCPDYFPDFDPSEKVTKYC

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	DEKGVWFKHPENNRTWSNYTMCNAFTPEKLKNAYVLYYLAIVGHSLSIFTLVISLGIF VFFRSLGCQRVTLHKNMFLTYILNSMIIIIHLVEVVPNGELVRRDPVSCKILHFFHQYM MACNYFWMLCEGIYLHTLIVVAVFTEKQRLRWYYLLGWGFPLVPTTIHAITRAVYFND NCWLSVETHLLYIIHGPVMAALVVNFFFLLNIVRVLVTKMRETHEAESHMYLKAVKAT MILVPLLGIQFVVFPWRPSNKMLGKIYDYVMHSLIHFQGFFVATIYCFCNNEVQTTVK RQWAQFKIQWNQRWGRRPSNRSARAAAAAAEAGDIPIYICHQELRNEPANNQGEE SAEIIPLNIIEQESSA
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Applications	Antibody Production
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	CALCR calcitonin receptor [Homo sapiens (human)]
Official Symbol	CALCR
Synonyms	CALCR; calcitonin receptor; CTR; CRT; CT-R; CTR1;
Gene ID	799
mRNA Refseq	NM_001742

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Protein Refseq	NP_001733
MIM	114131
UniProt ID	P30988

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