

## Recombinant Human CALCA Protein

Cat. No. CALCA-0064H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CALCA Protein without tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katecalcitonin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katecalcitonin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
<b>Applications</b>	ELISA, CLIA, CG
<b>Notes</b>	For research use only, not for use in diagnostic procedure.
<b>Storage</b>	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.
<b>Storage Buffer</b>	Supplied as a 0.2 µm filtered solution of PBS, pH7.4

### GENE INFORMATION

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<b>Gene Name</b>	CALCA calcitonin-related polypeptide alpha [ Homo sapiens (human) ]
<b>Official Symbol</b>	CALCA
<b>Synonyms</b>	CALCA; calcitonin-related polypeptide alpha; CALC1, calcitonin 1; calcitonin; calcitonin gene-related peptide 1; calcitonin; katalcalcin; calcitonin 1; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha; CT; KC; CGRP; CALC1; CGRP1; CGRP-I; MGC126648;
<b>Gene ID</b>	796
<b>mRNA Refseq</b>	NM_001033952
<b>Protein Refseq</b>	NP_001029124
<b>MIM</b>	114130
<b>UniProt ID</b>	P01258

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