

# Recombinant Full Length Human CALCB Protein, GST-tagged

Cat. No. CALCB-3048HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CALCB full-length ORF (1 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	138 amino acids
<b>Description</b>	CALCB (Calcitonin Related Polypeptide Beta) is a Protein Coding gene. Diseases associated with CALCB include Medullary Thyroid Carcinoma, Familial. Among its related pathways are Presynaptic function of Kainate receptors and Peptide ligand-binding receptors. GO annotations related to this gene include hormone activity and neuropeptide hormone activity. An important paralog of this gene is CALCA.
<b>Molecular Mass</b>	41.3 kDa
<b>AA Sequence</b>	MKKEANLQRGGMGFRKFSPFLALSILVLYQAGSLQAAPFRSALEGSPDPATLSKEDA RLLLAALVQDYVQMKASELKQEQTQGSSSAAQKRACNTATCVTHRLAGLLSRSGG MVKSNFVPTNVGSKAFGRRRRDLQA
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CALCB calcitonin-related polypeptide beta [ Homo sapiens ]
<b>Official Symbol</b>	CALCB
<b>Synonyms</b>	CALCB; calcitonin-related polypeptide beta; CALC2, calcitonin 2; calcitonin gene-related peptide 2; CGRP II; FLJ30166; beta-CGRP; calcitonin 2; beta-type CGRP; calcitonin gene-related peptide II; CALC2; CGRP2; CGRP-II;
<b>Gene ID</b>	797
<b>mRNA Refseq</b>	NM_000728
<b>Protein Refseq</b>	NP_000719
<b>MIM</b>	114160
<b>UniProt ID</b>	P10092

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