

Datasheet for ABIN7317265 **CALCB Protein (Fc Tag)**



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Overview

Quantity:	100 µg
Target:	CALCB
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CALCB protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CALCB Protein (aa 1-118, Fc Tag)
Sequence:	Met 1-Phe118
Characteristics:	A DNA sequence encoding the human CALCB (P10092) (Met1-Phe118) was fused with Fc region of mouse IgG at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CALCB
Alternative Name:	CALCB (CALCB Products)
Background:	Background: CALCB, also known as CGPR and calcitonin 2, belongs to the calcitonin family. CALCB is a calcitonin (CT) peptide which may play a role in the mediation of human inflammatory diseases. It is highly expressed in the skin, blood, and cerebrospinal fluid. CGRP

Target Details

immunolabeling (IL) was detected in epidermal keratinocytes at levels that were especially high and widespread in the skin of humans from locations afflicted with postherpetic neuralgia (PHN) and complex region pain syndrome type 1 (CRPS), of monkeys infected with simian immunodeficiency virus, and of rats subjected to L5/L6 spinal nerve ligation, sciatic nerve chronic constriction, and subcutaneous injection of complete Freund's adjuvant. Increased CGRP-IL was also detected in epidermal keratinocytes of transgenic mice with keratin-14 promoter driven overexpression of noggin, an antagonist to BMP-4 signaling. CGPR dilates a variety of vessels including the coronary, cerebral and systemic vasculature.

Synonym: Calcitonin gene-related peptide 2, CALC2, Beta-type CGRP, Calcitonin gene-related peptide II, CALCB

Molecular Weight: 36.2 kDa

UniProt: [P10092](#)

Pathways: [Hormone Activity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.