# Human CALCB / CGPR / Calcitonin 2 (Fc Tag) recombinant protein

Catalog Number: 501665

# **General Information**

## Gene Name Synonym

Beta-type CGRP; Calcitonin gene-related peptide II

# **Protein Construction**

A DNA sequence encoding the human CALCB (P10092) (Met1-Phe118) was fused with Fc region of mouse IgG at the C-terminus.

# Organism

Human

# **Expression Host**

Human Cells

# **QC Testing**

## Purity

> 95 % as determined by SDS-PAGE

# Endotoxin

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

# Stability

Samples are stable for up to twelve months from date of receipt at -70°C  $\,$ 

## **Predicted N terminal**

Ala 26

## **Molecular Mass**

The recombinant human CALCB/mFc is a disulfide-linked homodimer. The reduced

monomer comprises 327 amino acids and has a predicted molecular mass of 36.2 kDa. The apparent molecular mass of the protein is approximately 37 in SDS-PAGE under reducing conditions.

# Formulation

Lyophilized from sterile PBS, pH 7.4.1. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

## Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## **SDS-PAGE**

KDa M 116

66.2

45.0

35.0

25.0

18.4

Human CALCB / CGPR / Calcitonin 2 Protein (Fc Tag) SDS-PAGE

