

## Recombinant Human CALCB, Fc tagged

Cat. No. CALCB-144H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CALCB (P10092) (Met1-Phe118), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-118 a.a.
<b>Predicted N Terminal</b>	Ala 26
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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 condit
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [CALCB calcitonin-related polypeptide beta \[ Homo sapiens \]](#)

**Official Symbol** CALCB

**Gene ID** [797](#)

**mRNA Refseq** [NM\\_000728](#)

**Protein Refseq** [NP\\_000719](#)

**MIM** [114160](#)

**UniProt ID** [P10092](#)

**Chromosome Location** 11p14.2-p12

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