

Recombinant Human CALCB, Fc tagged

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

SPECIFICATION

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