

Recombinant Human CALCB protein(Met1-Phe118), mFc-tagged

Cat. No. CALCB-3213H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALCB (P10092) (Met1-Phe118) was expressed in HEK293, fused with Fc region of Mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Phe118
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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 conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. 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](#)

Synonyms 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;

Gene ID [797](#)

mRNA Refseq [NM_000728](#)

Protein Refseq [NP_000719](#)

MIM [114160](#)

UniProt ID [P10092](#)

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