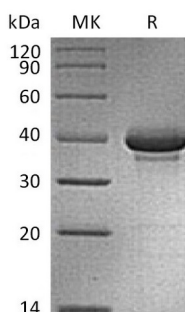


Summary

Name	Calcitonin gene-related peptide 2/CALCB/CALC2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Calcitonin Gene-related Peptide 2 is produced by our Mammalian expression system and the target gene encoding Ala26-Phe118 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P10092
Host	E.coli
Species	Human
Predicted Molecular Mass	37 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Human CALC2 (C-Fc)
Catalog #: PEH0199



Alternative Names

Calcitonin gene-related peptide 2; CALC2; Beta-type CGRP; Calcitonin gene-related peptide II; CALC2

Background

CALC2 is a member of the calcitonin family. CALC2 is produced in both peripheral and central neurons. It is a potent peptide vasodilator and can function in the transmission of pain. In the spinal cord, the function and expression of CGRP may differ depending on the location of synthesis. CALC2 is derived mainly from the cell bodies of motor neurons when synthesized in the ventral horn of the spinal cord and may contribute to the regeneration of nervous tissue after injury.

Note

For Research Use Only , Not for Diagnostic Use.