

**Calcitonin, eel****Cat. No.:** RP12786-5**Size:** 5 mg**Description:**

Calcitonin is hypocalcemic hormone produced by the parafollicular C cells of the thyroid or by the ultimobranchial bodies of nonmammalian vertebrates. Calcitonin decreases blood calcium and phosphate due to inhibition of resorption by osteoblasts and osteocytes.

**Cas No:** 57014-02-5**C-Terminal:** NH<sub>2</sub>**Sequence (one-letter code):**CSNLSTCVLGKLSQELHKLQTYPRTDVGAGTP-NH<sub>2</sub>**Sequence (three-letter code):**

{CYS}{SER}{ASN}{LEU}{SER}{THR}{CYS}{VAL}{LEU}{GLY}{L  
YS}{LEU}{SER}{GLN}{GLU}{LEU}{HIS}{LYS}{LEU}{GLN}{THR  
{TYR}{PRO}{ARG}{THR}{ASP}{VAL}{GLY}{ALA}{GLY}{THR}{  
PRO}-NH<sub>2</sub>

**Formula:** C<sub>146</sub>H<sub>241</sub>N<sub>43</sub>O<sub>47</sub>S<sub>2</sub>**Molecular Weight:** 3,414.9**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

**Note:** Calcitonin is A 32 amino acid polypeptide, 8 of which are conserved across all species.

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