

Elcatonin recombinant protein
Elcatonin, 60731-46-6
Catalog # PBV10039r**Specification**

Elcatonin recombinant protein - Product info**Elcatonin recombinant protein - Additional Info****Other Names**

Elcatonin, 60731-46-6

Source

Assay&Purity

Assay2&Purity2

Recombinant

Target/Specificity

Elcatonin

Synthetic**SDS-PAGE; ≥94%****HPLC; ≥94%****No****Application Notes**Centrifuge the vial prior to opening. Reconstitute in sterile dW to a concentration $\geq 100 \mu\text{g/ml}$.

This solution can then be diluted into other aqueous buffers and stored at 4 °C for 2-7 days and at -20 °C for future use.

Format

Lyophilized

Storage

-20°C; Sterile filtered and lyophilized with no additives

Elcatonin recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Elcatonin recombinant protein - Images**Elcatonin recombinant protein - Background**

Elcatonin is a Calcitonin derivative which is transformed from eel's calcitonin by changing the S-S bond into the stable C-N bond. It inhibits the absorption and autolysis of bones, thus leads to blood

calcium descending. In addition, it inhibits the bone salts dissolving and transferring and promotes the excretion of calcium and phosphorus in urine. Meanwhile, it inhibits renal tubules reabsorbing calcium, phosphorus and sodium and keeps blood calcium at normal level. It is mainly used for remitting or eliminating the pain caused by Osteoporosis. Elcatonin synthetic is a single, non-glycosylated polypeptide chain containing 31 amino acids.