

Calcitonin R Protein, Human (130a.a, HEK293, Fc)

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| Cat. No.: | HY-P74359 |
| Synonyms: | Calcitonin R; Calcitonin receptor; CALCR; CRT; CTR; CTRL |
| Species: | Human |
| Source: | HEK293 |
| Accession: | P30988 (A25-V154) |
| Gene ID: | 799 |
| Molecular Weight: | Approximately 55-75 kDa due to the glycosylation. |

PROPERTIES

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| AA Sequence | <p>A F S N Q T Y P T I E P K P F L Y V V G R K K M M D A Q Y K C Y D R M Q Q L P A</p> <p>Y Q G E G P Y C N R T W D G W L C W D D T P A G V L S Y Q F C P D Y F P D F D P</p> <p>S E K V T K Y C D E K G V W F K H P E N N R T W S N Y T M C N A F T P E K L K N</p> <p>A Y V L Y Y L A I V</p> |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized Human Calcitonin at 2µg/mL (100µL/well) can bind Biotinylated Human Calcitonin R. The ED ₅₀ for this effect is 4.532 µg/mL. |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

Caution: Product has not been fully validated for medical applications. For research use only.

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