

## Product datasheet for **TP721150**

### **CGRP (CALCB) (NM\_000728) Human Recombinant Protein**

#### **Product data:**

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Purified recombinant protein of Human calcitonin-related polypeptide beta (CALCB)   |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | E. coli   |
| <b>Expression cDNA Clone or AA Sequence:</b> | Met1-Ala127   |
| <b>Tag:</b>                                  | N-GST   |
| <b>Predicted MW:</b>                         | 40.9 kDa  |
| <b>Purity:</b>                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl   |
| <b>Endotoxin:</b>                            | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)   |
| <b>Storage:</b>                              | Store at -80°C.   |
| <b>Stability:</b>                            | Stable for at least 3 months from date of receipt under proper storage and handling conditions.   |
| <b>RefSeq:</b>                               | <a href="#">NP_000719</a>   |
| <b>Locus ID:</b>                             | 797   |
| <b>UniProt ID:</b>                           | <a href="#">P10092</a>  |
| <b>RefSeq Size:</b>                          | 1031  |
| <b>Cytogenetics:</b>                         | 11p15.2   |
| <b>RefSeq ORF:</b>                           | 381   |
| <b>Synonyms:</b>                             | CALC2; CGRP-II; CGRP2   |
| <b>Summary:</b>                              | CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role.[UniProtKB/Swiss-Prot Function] |
| <b>Protein Families:</b>                     | Druggable Genome, Secreted Protein  |



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