

## 32-8299: Recombinant Human Calcitonin Gene-Related Peptide 2/CALCB (N-GST)

**Gene :** CALCB  
**Gene ID :** 797  
**Uniprot ID :** P10092

### Description

Source: E. coli.  
MW :40.9kD.

Recombinant Human CALCB is produced by our E.coli expression system and the target gene encoding Met1-Ala127 is expressed with a GST tag at the N-terminus. CALCB is a member of the calcitonin family. CALCB 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. CALCB 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of PBS, pH 7.4, 50% glycerol.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA  
DKHNMLGGCPKERAISMLEGAVLDIRYGVSRAYSDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR  
GSENYFQGHMGRKFSPFLALSILVLYQAGSLQAAPFRSALESSDPATLSKEDARLLAALVQDYVQMKASEL  
KQEQETQGSSAAQKRACNTATCVTHRLAGLLSRSGGMVKS NFVPTNVGSKAFGRRRRDLQA

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.