

## Recombinant Human CALCA protein, His-tagged

Cat. No. CALCA-1255H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CALCA protein(P01258)(121-141aa), fused to N-terminal His tag, was expressed in Yeast.                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                              |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 121-141aa                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 4.4 kDa                                                                                                                                                                                                                            |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                      |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CALCA calcitonin-related polypeptide alpha [ Homo sapiens ]                                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | CALCA                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | CALCA; calcitonin-related polypeptide alpha; CALC1, calcitonin 1; calcitonin; calcitonin gene-related peptide 1; calcitonin; katacalcin; calcitonin 1; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha; CT; KC; CGRP; CALC1; CGRP1; CGRP-I; MGC126648; |
| <b>Gene ID</b>         | 796                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_001033952                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_001029124                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>             | 114130                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>      | P01258                                                                                                                                                                                                                                                                                                      |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                                                                                                                             |