

Recombinant Human CALCA protein, GST-tagged

Cat. No. CALCA-6732H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human CALCA protein(65-141 aa), fused with N-terminal GST tag, was expressed in E. coli. |
| ProteinLength | 65-141 aa |
| Tag | N-GST |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |
| AA Sequence | ELEQQEQEREGSSLDSPRSKRCGNLSTCMLGTYTQDFNKFHTFPQTAIGVVGAPGKKR DMSSDLERDHRPHVSMQAN |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CALCA calcitonin-related polypeptide alpha [Homo sapiens] |
| Official Symbol | CALCA |
| Synonyms | CALCA; calcitonin-related polypeptide alpha; CALC1, calcitonin 1; calcitonin; calcitonin gene-related peptide 1; calcitonin; katalcalcin; calcitonin 1; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha; CT; KC; CGRP; CALC1; CGRP1; CGRP-I; MGC126648; |
| Gene ID | 796 |
| mRNA Refseq | NM_001033952 |
| Protein Refseq | NP_001029124 |
| MIM | 114130 |
| UniProt ID | P01258 |
| SDS-PAGE |  <p>← 34 kDa</p> |

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