

Recombinant Human CALCA protein, GST-tagged

Cat. No. CALCA-150H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALCA protein(26 - 116 aa), fused with GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26 - 116 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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

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