

Recombinant Dog CALCA protein, His-SUMO-tagged

Cat. No. CALCA-2620D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog CALCA protein(P41547)(85-116aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	85-116aa
Form	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.
Molecular Mass	19.4 kDa
AA Sequence	CSNLSTCVLGTYSKDLNMFHTFSGIGFGAETP
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	CALCA calcitonin-related polypeptide alpha [Canis lupus familiaris]
Official Symbol	CALCA
Synonyms	CALCA; calcitonin-related polypeptide alpha; calcitonin; calcitonin/calcitonin-related polypeptide, alpha;
Gene ID	403946
mRNA Refseq	NM_001003266
Protein Refseq	NP_001003266

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