

Recombinant Dog CGA protein, His&Myc-tagged

Cat. No. CGA-1364D **Lot. No.** (See product label)

SPECIFICATION

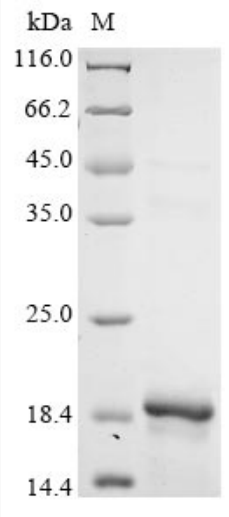
Product Overview	Recombinant Dog CGA protein(Q9XSW8)(25-120aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	25-120aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	18.1 kDa
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	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

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Gene Name	CGA glycoprotein hormones, alpha polypeptide [<i>Canis lupus familiaris</i>]
Official Symbol	CGA
Synonyms	CGA; glycoprotein hormones, alpha polypeptide; glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; thyrotropin alpha subunit; luteinizing hormone alpha chain; thyroid-stimulating hormone alpha chain; follicle-stimulating hormone alpha chain; anterior pituitary glycoprotein hormones common subunit alpha;
Gene ID	403483
mRNA Refseq	NM_001002988
Protein Refseq	NP_001002988
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left with values: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4 kDa. A prominent protein band is visible at approximately 18.4 kDa, corresponding to the CGA protein.