

Recombinant Dog GH1 protein, His & T7-tagged

Cat. No. GH1-781D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog GH1 aa. (Phe27~Phe216 (Accession # P33711)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Phe27~Phe216
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 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

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	GH1 growth hormone [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	GH1
Synonyms	GH1; growth hormone; GH; somatotropin
Gene ID	403795
mRNA Refseq	NM_001003168.1
Protein Refseq	NP_001003168.1
UniProt ID	P33711

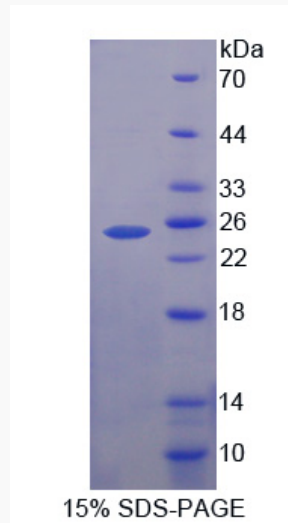
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SDS-PAGE



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