

Recombinant Dog GAST protein, His & GST-tagged

Cat. No. GAST-5828D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog GAST aa. (Ser22~Pro104 (Accession# P01353)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ser22~Pro104
Form	Freeze-dried powder
Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
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.

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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

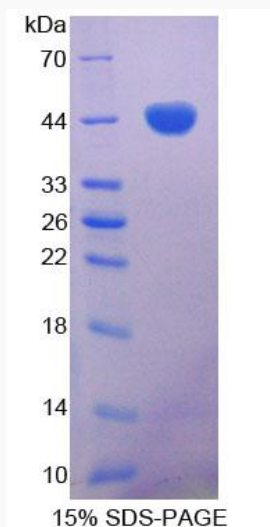
Gene Name	GAST gastrin [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	GAST
Synonyms	GAS; gastrin
Gene ID	100685087
mRNA Refseq	XM_003435238.3
Protein Refseq	XP_003435286.1
UniProt ID	P01353

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SDS-PAGE



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