

Recombinant Human GKN2 protein, His-tagged

Cat. No. GKN2-1610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GKN2 aa. (Tyr21~Val184 (Accession # Q86XP6)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr21~Val184
Description	The secretory protein encoded by this gene is produced in gastric surface mucous cells, where it can bind trefoil factor family peptide 1 or gastrokine-1. This gene may be a tumor suppressor gene, as its expression is markedly decreased in gastric cancer tissues. The encoded protein interacts with gastrokine-1 and regulates homeostasis of the gastric mucosa.
Form	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

 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

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.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.6

GENE INFORMATION

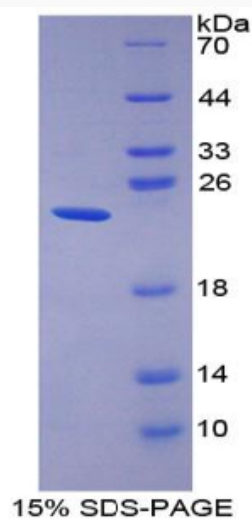
Gene Name	GKN2 gastrokeine 2 [Homo sapiens (human)]
Official Symbol	GKN2
Synonyms	GKN2; gastrokeine 2; GDDR; TFIZ1; PRO813; BRICD1B; VLT1465; gastrokeine-2; BRICHOS domain containing 1B; blottin; down-regulated in gastric cancer GDDR; trefoil factor interactions(z) 1
Gene ID	200504
mRNA Refseq	NM_182536.2
Protein Refseq	NP_872342.2
UniProt ID	Q86XP6

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SDS-PAGE



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