

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.

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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

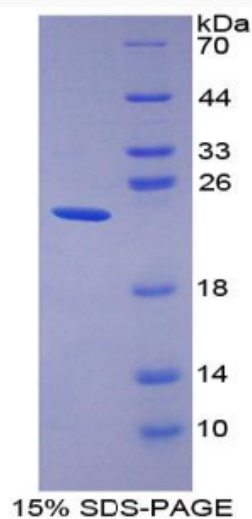
Gene Name	GKN2 gastrokeine 2 [Homo sapiens (human)]
Official Symbol	GKN2
Synonyms	GKN2; gastrokeine 2; GDDR; TFIZ1; PRO813; BRICD1B; VLT1465; gastrokeine-2; BRICHOS domain containing 1B; blottin; down-regulated in gastric cancer GDDR; trefoil factor interactions(z) 1
Gene ID	200504
mRNA Refseq	NM_182536.2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

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SDS-PAGE



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