

# Recombinant Human Gastroke 1, His-tagged

Cat. No. GKN1-223H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Gastroke 1 encoding the Mature Human Gastroke-1 (Asn <sup>21</sup> -Asn <sup>185P</sup> ) with 6 His tag on the N-Terminus was expressed in <i>E.Coli</i> . This protein was purified by Ni-NTA column. MW=20KD.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-185 a.a.
<b>Description</b>	Gastroke-1 is a protein that in humans is encoded by the GKN1 gene. The protein encoded by this gene is found to be down-regulated in human gastric cancer tissue as compared to normal gastric mucosa.
<b>Sequence</b>	Mature human Gastroke-1 (Asn <sup>21</sup> -Asn <sup>185P</sup> ) NYNINVNDDN NNAGSGQQSV SVNNE HNVAN VDNNGWDSW NSIWDYGNGF AATRLFQKKT CIVHKMNKEV MPSIQSLD AL VKEKKLQGKG PGGPPPGLM YSVNPNKVDD LSKFGKNIAN MCRGIPTYMA E EMQEASLFF YSGTCYTTSV LWIVDISFCG DTVEN.
<b>Purity</b>	>95% in SDS gel.
<b>Formulation</b>	Lyophilized 100µg Mature human Gastroke-1 (Asn <sup>21</sup> -Asn <sup>185P</sup> ) in 50 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.
<b>Application</b>	Cell biology, ELISA.

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**Reconstitution** Add 500 µl deionized water to the vial to prepare a working stock solution at 200µg/mL. Allow to set at least 30 minutes at 4°C, mix well.

**Storage** Store lyophilized protein at -20°C or -70°C. Lyophilized protein is stable for up to 6 months from date of receipt at -70°C. Upon reconstitution, this protein can be stored at for a few weeks or at -70°C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

## GENE INFORMATION

**Gene Name** [GKN1 gastrokine 1 \[ Homo sapiens \]](#)

**Synonyms** GKN1; gastrokine 1; FOV; CA11; AMP18; BRICD1; MGC70354; foveolin; BRICHOS domain containing 1;AMP-18; Protein CA11; Gastrokine-1

**Gene ID** [56287](#)

**mRNA Refseq** [NM\\_019617](#)

**Protein Refseq** [NP\\_062563](#)

**MIM** [606402](#)

**UniProt ID** [Q9NS71](#)

**Chromosome Location** 2p13.3

**Function** growth factor activity; molecular\_function

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