

Recombinant Human Gastroke 1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human Gastroke 1 encoding the Mature Human Gastroke-1 (Asn21-Asn185P) 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.
Species	Human
Source	E.coli
ProteinLength	21-185 a.a.
Description	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.
Sequence	Mature human Gastroke-1 (Asn ²¹ -Asn ^{185P}) NYNINVNDDN NNAGSGQQSV SVNNE HNVAN VDNNGWDSW NSIWDYGNGF AATRLFQKKT CIVHKMNKEV MPSIQSLD AL VKEKKLQGKG PGGPPPKGLM YSVNPNKVDD LSKFGKNIAN MCRGIPTYMA E EMQEASLFF YSGTCYTTSV LWIVDISFCG DTVEN.
Purity	>95% in SDS gel.
Formulation	Lyophilized 100µg Mature human Gastroke-1 (Asn21-Asn185P) in 50 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.
Application	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