

# Product information



## GKN1, 1-199aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1701

**Full name:** Gastrokine-1

**NCBI Accession No.:** NP\_062563

**Synonyms:** AMP18, BRICD1, CA11, FOV, foveolin

**Description:** Gastrokine-1, also known as GKN1, belongs to the gastrokine family. It has mitogenic activity and may be involved in maintaining the integrity of the gastric mucosal epithelium. Recombinant human GKN1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p><b>Form:</b> Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT</p> <p><b>Molecular Weight:</b> 24.5 kDa (223aa), confirmed by MALDI-TOF</p> <p><b>Purity:</b> &gt; 85% by SDS - PAGE</p> <p><b>Concentration:</b> 0.25 mg/ml (determined by Bradford assay)</p>	<p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHHH SSGLVPRGSH MGSFMLAYSS VHCFFREDKMK FTIVFAGLLG VFLAPALANY NINVNDDNNN AGSGQQSVSV NNEHNVANVD NNGWDSWNS IWDYGNFAA TRLFQKKTCTI VHKMNKEVMP SIQSLDALVK EKQLQGKGGP GPPPKGLMYS VNPKNVDDLK KFGKNIANMC RGIPTYMAEE MQEASLFFYS GTCYTTSVLW IVDISFCGDT VEN</p>	

### General references:

Martin T.E., *et al.* (2003) *Am. J. Physiol.* 285:G332-G343

Yoshikawa Y., *et al.* (2000) *Jpn. J. Cancer Res.* 91:459-463

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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