

GKN1, 1-199aa, Human, His tag, E.coli

Cat.NO.: TP02246

3th Edition

Synonyms:Gastroke-1, Gastroke 1, AMP18, BRICD1, CA11, FOV, foveolin.

Description:Gastroke-1, also known as GKN1, belongs to the gastroke 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:24.5 kDa (223aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMLAYSSVHCFREDKMKFTIVFAGLLGVFLAPALANYNINVNDDNINNAGSG
QQSVSVNNEHNVANVDNNGWDSWNSIWDYGNNGFAATRLFQKKTICIVHKMNKEVMPSIQSLDALVKEKKLQGKG
PGGPPPKGLMYSVNPKNVDDLSKFGKNIANMCRGIPTYMAEEMQEASLFFYSGTCYTTSVLWIVDISFCGDTVEN

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.