9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GKN1 Human

Gastrokine 1 Human Recombinant
RCP0917

Product Overview

Name	GKN1 Human

Description

Gastrokine 1 Human Recombinant

Accession (Primary)	Q9NS71

Synonyms

BRICHOS domain containing 1, 18 kDa antrum mucosa protein, gastrokine 1, Protein CA11, AMP-18, BRICD1, foveolin, FOV.

Introduction

Gastrokine-1 (GKN1) is a member of the gastrokine family. GKN1 has mitogenic activity and is involved in preserving the integrity of the gastric mucosal epithelium. GKN1 is down-regulated in human gastric cancer tissue in comparison to normal gastric mucosa. GKN1 is expressed in the stomach; however no expression is detected in cancer tissue or gastric cancer cell lines.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The GKN1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MLAYSS VHCFREDKMK FTIVFAGLLG VFLAPALANY NINVNDDNNN AGSGQQSVSV NNEHNVANVD NNNGWDSWNS IWDYGNGFAA TRLFQKKTCI VHKMNKEVMP SIQSLDALVK EKKLQGKGPG GPPPKGLMYS VNPNKVDDLS KFGKNIANMC RGIPTYMAEE MQEASLFFYS GTCYTTSVLW IVDISFCGDT VEN.

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Precautions

GKN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NS71)