

GKN1 Human

Description:GKN1 Human Recombinant produced in E. coli is a single polypeptide chain containing 223 amino acids (1-199) and having a molecular mass of 24.5 kDa.GKN1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1213

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

For research use only.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMLAYSS VHCFFREDKMK
FTIVFAGLLG VFLAPALANY NINVNDNNN AGSGQSVSV NNEHNVANVD NNGWDSWNS
IWDYGNFAA TRLFQKKTCTI VHKMNKEVMP SIQSLDALVK EKKLQKGKPG GPPPKGLMYS
VNPKNVDDLK KFGKNIANMC RGIPTYMAEE MQEASLFFYS GTCYTTSVLW IVDISFCGDT VEN

Purity:Greater than 85% as determined by SDS-PAGE.

Formulation:

The GKN1 solution (0.25mg/ml) 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

To place an order, please [Click HERE](#).