

32-3883: GKN1 Recombinant Protein

Alternative Name : BRICHOS domain containing 1, 18 kDa antrum mucosa protein, gastrophilic 1, Protein CA11, AMP-18, BRICD1, foveolin, FOV.

Description

Source : E.coli. 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. Gastrophilic-1 (GKN1) is a member of the gastrophilic 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The GKN1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGS MLAYSS VHCFFREDKMK FTIVFAGLLG VFLAPALANY NINVNDNNN AGSGQQSVSV NNEHNVANVD NNNGWDSWNS IWDYGNNGFAA TRLFQKKTCI VHKMNKEVMP SIQSLDALVK EKKLQGGKPG GPPPKGLMYS VNPKNVDDLS KFGKNIANMC RGIPTYMAEE MQEASLFFYS GTCYTTSVLW IVDISFCGDT VEN.

