

Gastrokine 1 Human Recombinant

Item Number	rAP-3322
Synonyms	BRICHOS domain containing 1, 18 kDa antrum mucosa protein, gastrokine 1, Protein CA11, AMP-18, BRICD1, foveolin, FOV.
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.
Uniprot Accesion Number	Q9NS71
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSH MLAYSS VHCFREDKMK FTIVFAGLLG VFLAPALANY NINVNDNNN AGSGQQSVSV NNEHNVANVD NNNGWDSWNS IWDYNGFAA TRLFQKKTCI VHKMNKEVMP SIQSLDALVK EKKLQGKPGP GPPPGLMYS VNPNKVDDLS KFGKNIANMC RGIPTYMAEE MQEASLFFYS GTCYTTSVLW IVDISFCGDT VEN.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The GKN1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**