9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3884: GKN2 Recombinant Protein

Alternative Name :	Gastrokine-2,Blottin,Down-regulated in gastric cancer,Trefoil factor interactions(z) 1,GKN2,BLOT,GDDR,TFIZ1,PRO813,BRICD1B,VLTI465.

Description

Source : Escherichia Coli. Gastrokine 2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 21-184) containing 174 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 19.6kDa (calculated). Gastrokine-2 (GKN2) is expressed in the gastric mucosa. GKN2 forms a heterodimer with TFF1- disulfide linked. GKN2 interacts with TFF2.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	GKN2 filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.
Storage condition :	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Amino Acid :	MKHHHHHHASYEVFNIISPS NNGGNVQETV TIDNEKNTAI INIHAGSCSS TTIFDYKHGY IASRVLSRRA CFILKMDHQN IPPLNNLQWY IYEKQALDNM FSSKYTWVKY NPLESLIKDV DWFLLGSPIE KLCKHIPLYK GEVVENTHNV GAGGCAKAGL LGILGISICA DIHV.

Application Note

It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited. GKN2 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.