

# Human GKN2 Recombinant Protein



RPPB3599

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## Product Information    Protein Information

**Product SKU:**

RPPB3599

**Accession:**

Q86XP6

**Host:**

Escherichia Coli.

**Protein description:**

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).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Gastrokine-2, Blottin, Down-regulated in gastric cancer, Trefoil factor interactions(z) 1, GKN2, BLOT, GDDR, TFIZ1, PRO813, BRICD1B, VLT1465.

**Formulation:**

GKN2 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Solubility:**

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.

**Stability:**

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 Sequence:**

MKHHHHHHASYEVFNIIISPS NNGGNVQETV TIDNEKNTAI INIHAGSCSS TTIFDYKHGY IASRVLSRRA  
CFILKMDHQN IPPLNNLQWY IYEKQALDNM FSSKYTWVKY NPLESLIKDV DWFLGSPIE KLCKHIPLYK  
GEVENTHNV GAGGCAKAGL LGILGISICA DIHV.