

Gastrokine-3 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: GKN3P

Cat. No.:
RD172270100 (0.1 mg)

Description

Total 171 AA. MW: 19.4 kDa (calculated). UniProtKB acc.no. P0CG01 (Met21-Leu181). N-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

MKHHHHHHAS MMNIRFNHPL YGSFGTQIIH IGAFAQMVSI RDNNIFSEWD GILDYKNALL VAKVFNKMAC VLARMDKAVF
PSLDDISKAL DKQAFKYYPS TRGLTYTVLP SWVKNLAQYG KPIKNMCRDD PTYFAQQQKE GTALAIDSNS CFEIQLLSFM
GLFICGETPG L

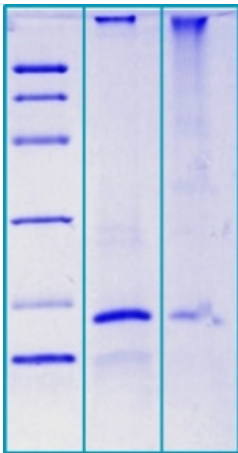
Source

E. coli

Purity

Purity as determined by densitometric image analysis: > 95 %

SDS-PAGE gel



14 % SDS-PAGE separation of Human Gastrokine-3 :

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and boiled sample, 2.5 µg/lane
3. non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/ug

Formulation

0.3-0.7 mg/ml in 0.03M acetate buffer, pH=4.0 - filtered (0.4 µm), 20% glycerol, frozen

Reconstitution

Defrost at ambient temperature. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

On ice. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles.

The thawed protein can be stored at 4 °C for a week.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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