

Gastroke 1 Protein, Human (sf9, His)

Cat. No.:	HY-P76356
Synonyms:	18 kDa antrum mucosa protein; AMP-18; Protein CA11; GKN1; AMP18; CA11
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9NS71 (N35-N199)
Gene ID:	56287
Molecular Weight:	Approximately 24 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10% Glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The Gastroke 1 protein exerts mitogenic activity and is likely implicated in the preservation of the structural integrity of the gastric mucosal epithelium.
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Caution: Product has not been fully validated for medical applications. For research use only.

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