

Animal-Free EGF Protein, Human (His)

Cat. No.:	HY-P700051AF
Synonyms:	Urogastrone; URG
Species:	Human
Source:	E. coli
Accession:	A0A494C018 (N848-R900)
Gene ID:	1950
Molecular Weight:	Approximately 7.16 kDa

PROPERTIES

AA Sequence	M N S D S E C P L S H D G Y C L H D G V C M Y I E A L D K Y A C N C V V G Y I G E R C Q Y R D L K W W E L R
Biological Activity	The ED ₅₀ is <1 ng/mL as measure by its ability to induce 3T3 cells proliferation, corresponding to a specific activity of approximately >1 × 10 ⁶ IU/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 8.0.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the 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	EGF Protein lacks conserved residue(s) required for the propagation of feature annotation.
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Caution: Product has not been fully validated for medical applications. For research use only.

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