

Pro-Gastrin Releasing Peptide (ProGRP) Protein | ProGRP protein

Eukaryotic Pro-Gastrin Releasing Peptide (ProGRP)

CATALOG # AAA150609	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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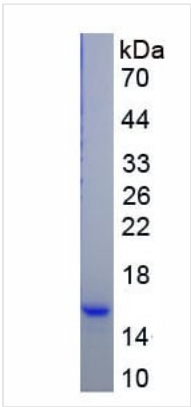
PRODUCT SYNONYMS

Pro-Gastrin Releasing Peptide (ProGRP); Eukaryotic Pro-Gastrin Releasing Peptide (ProGRP); Pro-Gastrin Releasing Peptide; pro-GRP; preproGRP; pre-proGRP; ProGRP protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ser54~Gln1 48
Applicable Applications for ProGRP protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.9
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

STGESSS VSEKSLKQQ LREYIRWEEA ARNLLGLIEA KENRNHQPPO
PKALGNQQPS WDESDSSNFK DVGSKGKVGK LSAPGSQREG RNPQLNQO

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ProGRP protein	Tumor immunity; Endocrinology; Reproductive science; Pulmonology; Hepatology; Gastroenterology; Hormone metabolism; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386757
NCBI GeneID	2922
UniProt Accession #	P07492; P07491; P81553; Q14454; Q53YA0; Q9BSY7
Molecular Weight	16,213 Da
NCBI Official Full Name	pro-gastrin releasing peptide type 2, partial
NCBI Official Synonym Full Names	gastrin-releasing peptide
NCBI Official Symbol	GRP
NCBI Official Synonym Symbols	BN; GRP-10; proGRP; preproGRP
NCBI Protein Information	gastrin-releasing peptide; bombesin; prepro-GRP; neuromedin C; pre-progastrin releasing peptide
UniProt Protein Name	Gastrin-releasing peptide
UniProt Gene Name	GRP
UniProt Synonym Gene Names	GRP
UniProt Entry Name	GRP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/293f-protein/pro-gastrin-releasing-peptide-progrp/150609>