

Product datasheet for AR51532PU-N

GNRH1 / Progonadoliberin-1 (24-92, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GNRH1 / Progonadoliberin-1 (24-92, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQHWSYGL RPGGKRDAEN LIDSFQEIVK EVGQLAETQR FECTTHQPRS PLRDLKGALE SLIEEETGQK KI
Tag:	His-tag
Predicted MW:	10.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GNRH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_000816</u>
Locus ID:	2796
Cytogenetics:	8p21.2
Synonyms:	GNRH; GRH; LHRH; LNRH



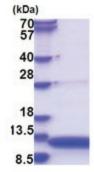
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	GNRH1 / Progonadoliberin-1 (24-92, His-tag) Human Protein – AR51532PU-N
Summary:	This gene encodes a preproprotein that is proteolytically processed to generate a peptide that is a member of the gonadotropin-releasing hormone (GnRH) family of peptides. Alternative splicing results in multiple transcript variants, at least one of which is secreted and then cleaved to generate gonadoliberin-1 and GnRH-associated peptide 1. Gonadoliberin-1 stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutations in this gene are associated with hypogonadotropic hypogonadism. [provided by RefSeq, Nov 2015]
Protein Families Protein Pathway	

Product images:



15% SDS-PAGE (3ug)

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