

## Product datasheet for **AR50878PU-N**

### Galanin (20-123, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Galanin (20-123, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSASAGLWS PAKEKRGWTL NSAGYLLGPH AVGNHRFSFD KNGLTSKREL RPEDDMKPGS FDRSIPENNI MRTIIEFLSF LHLKEAGALD RLLDLPAAS SEDIERS
Tag:	His-tag
Predicted MW:	13.9 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 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GAL 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:	<a href="#">NP_057057</a>
Locus ID:	51083
UniProt ID:	<a href="#">P22466</a>
Cytogenetics:	11q13.2
Synonyms:	ETL8; GAL-GMAP; GALN; GLNN; GMAP



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**Summary:**

This gene encodes a neuroendocrine peptide that is widely expressed in the central and peripheral nervous systems and also the gastrointestinal tract, pancreas, adrenal gland and urogenital tract. The encoded protein is a precursor that is proteolytically processed to generate two mature peptides: galanin and galanin message-associated peptide (GMAP). Galanin has diverse physiological functions including nociception, feeding and energy homeostasis, osmotic regulation and water balance. GMAP has been demonstrated to possess antifungal activity and hypothesized to be part of the innate immune system. [provided by RefSeq, Jul 2015]

**Protein Families:**

Secreted Protein, Transmembrane

**Product images:**