

## Galanin Prepropeptide Human Recombinant

<b>Item Number</b>	rAP-3938
<b>Synonyms</b>	GALN, GLNN, GMAP, GAL, GAL1.
<b>Description</b>	GAL Human Recombinant produced in E. coli is a single polypeptide chain containing 127 amino acids (20-123) and having a molecular mass of 13.9kDa. GAL is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P22466
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSASAGLWS PAKEKRGWTL NSAGYLLGPH AVGNHRFSFD KNGLTSKREL RPEDDMKPGS FDRSIPENNI MRTIIEFLSF LHLKEAGALD RLLDLPAASSEDIERS.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The GAL solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**