

Recombinant Human GAL Protein, MYC/DDK-tagged

Cat. No. GAL-933H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human GAL protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>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]</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	13.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	galanin and GMAP prepropeptide[Homo sapiens]
Official Symbol	GAL
Synonyms	GAL-GMAP; GALN; GLNN; GMAP
Gene ID	51083
mRNA Refseq	NM_015973.3
Protein Refseq	NP_057057
MIM	137035
UniProt ID	P22466

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