

Recombinant Human GALP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GALP-5790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GALP MS Standard C13 and N15-labeled recombinant protein (NP_149097) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the galanin family of neuropeptides. The encoded protein binds galanin receptors 1, 2 and 3 with the highest affinity for galanin receptor 3 and has been implicated in biological processes involving the central nervous system including hypothalamic regulation of metabolism and reproduction. A peptide encoded by a splice variant of this gene, termed alarin, has vasoactive properties, displays antimicrobial activity against E. coli, and may serve as a marker for neuroblastic tumors.
Molecular Mass	12.4 kDa
AA Sequence	MAPPSVPLVLLLVLLLSLAETPASAPAHRRGGWTLNSAGYLLGPVLHLPQMGDQD GKRETALEILDWLKAIIDGLPYSHPPQPSKRNVMETFAKPEIGDLGMLSMKIPKEEDVL KSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GALP galanin-like peptide [Homo sapiens (human)]

Official Symbol GALP

Synonyms GALP; galanin-like peptide; alarin; gal-like peptide;

Gene ID 85569

mRNA Refseq NM_033106

Protein Refseq NP_149097

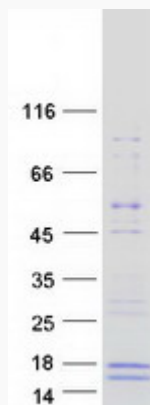
MIM 611178

UniProt ID Q9UBC7

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SDS-PAGE

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