

Product datasheet for PH316301

GALP (NM_033106) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GALP MS Standard C13 and N15-labeled recombinant protein (NP_149097)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216301
Predicted MW:	12.4 kDa
Protein Sequence:	<p>>RC216301 representing NM_033106</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAPPSVPLVLLLVLALLSLAETPASAPAHRRGGWTLNSAGYLLGPVLHLPQMGDQDGKRETALEILDWLK AIDGLPYSHPPQPSKRNYMETFAKPEIGDLGMLSMKIPKEEDVLKS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_149097</u>
RefSeq Size:	947
RefSeq ORF:	348
Locus ID:	85569
UniProt ID:	<u>Q9UBC7</u>
Cytogenetics:	19q13.43

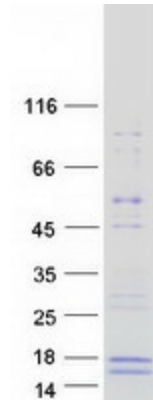

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Summary:

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.[provided by RefSeq, Nov 2014]

Protein Families:

Secreted Protein

Product images:


Coomassie blue staining of purified GALP protein (Cat# [TP316301]). The protein was produced from HEK293T cells transfected with GALP cDNA clone (Cat# [RC216301]) using MegaTran 2.0 (Cat# [TT210002]).