

Recombinant Full Length Human GALP Protein, GST-tagged

Cat. No. GALP-5373HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GALP full-length ORF (AAI48723.1, 1 a.a. - 116 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	116 amino acids
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, may have vasoactive properties and serve as a marker for neuroblastic tumors
Molecular Mass	39.71 kDa
AA Sequence	MAPPSVPLVLLLVLVLLSLAETPASAPAHRRGRGGWTLNSAGYLLGPVLHLPQMGDQD GKRETALEILDWLKAIIDGLPYSHPPQPSKRNVMETFAKPEIGDLGMLSMKIPKEEDVL KS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GALP galanin-like peptide [Homo sapiens]
Official Symbol	GALP
Synonyms	GALP; galanin-like peptide; alarin; gal-like peptide;
Gene ID	85569
mRNA Refseq	NM_001145546
Protein Refseq	NP_001139018
MIM	611178
UniProt ID	Q9UBC7

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