

Product datasheet for PH321298

PACAP (ADCYAP1) (NM_001099733) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADCYAP1 MS Standard C13 and N15-labeled recombinant protein (NP_001093203)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221298
Predicted MW:	18.8 kDa
Protein Sequence:	>RC221298 protein sequence Red=Cloning site Green=Tags(s) MTMCSGARLALLVYGIIHSSVYSSPAAAGLRFPGIRPEEEAYGEDGNPLPDFDGSEPPGAGSPASAPRA AAAWYRPAGRRDVAHGILNEAYRKVLDQLSAGKHLQSLVARGVGGSLGGGAGDDAEPLSKRHSDDGIFTDS YSRYRKQMAVKKYLA AVL GKRYKQRVKNKGRR IAYL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_001093203
RefSeq Size:	3187
RefSeq ORF:	528
Synonyms:	PACAP
Locus ID:	116
UniProt ID:	P18509



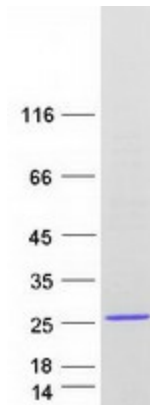
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Cytogenetics: 18p11.32

Summary: This gene encodes a secreted proprotein that is further processed into multiple mature peptides. These peptides stimulate adenylate cyclase and increase cyclic adenosine monophosphate (cAMP) levels, resulting in the transcriptional activation of target genes. The products of this gene are key mediators of neuroendocrine stress responses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified ADCYAP1 protein (Cat# [TP321298]). The protein was produced from HEK293T cells transfected with ADCYAP1 cDNA clone (Cat# [RC221298]) using MegaTran 2.0 (Cat# [TT210002]).