

Product datasheet for PH321065

Calneuron 1 (CALN1) (NM_001017440) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CALN1 MS Standard C13 and N15-labeled recombinant protein (NP_001017440)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221065
Predicted MW:	24.7 kDa
Protein Sequence:	>RC221065 representing NM_001017440 Red=Cloning site Green=Tags(s) MPFHVTAGLLYKGNLNRSL SAGSDSEQLANISVEELDEIREAFRVLDRDGNFISKQELGMAMRSLGY MPSEVELAIMQRLDMDGDGQVDFDEFMTILGPKLVSSSEGRDGLGNTIDSIFWQFDMQRITLLEELKHIL YHAFRDHLTMKDIENIIINEESLNETSGNCQTEFEGVHSQKQNRQTCVRKSLICAFAMAFIISVMLIAA NQILRSGME 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001017440
RefSeq Size:	5802
RefSeq ORF:	657
Synonyms:	CABP8
Locus ID:	83698
UniProt ID:	Q9BXU9 , A4D1Z1



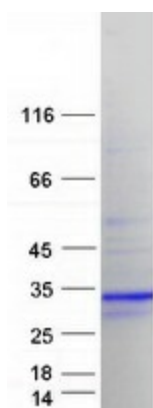
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Cytogenetics: 7q11.22

Summary: This gene encodes a protein with high similarity to the calcium-binding proteins of the calmodulin family. The encoded protein contains two EF-hand domains and potential calcium-binding sites. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CALN1 protein (Cat# [TP321065]). The protein was produced from HEK293T cells transfected with CALN1 cDNA clone (Cat# [RC221065]) using MegaTran 2.0 (Cat# [TT210002]).