

Product datasheet for PH305507

PEA15 (NM_003768) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PEA15 MS Standard C13 and N15-labeled recombinant protein (NP_003759)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205507
Predicted MW:	15 kDa
Protein Sequence:	>RC205507 protein sequence Red =Cloning site Green =Tags(s) MAEYGTLLQDLTNNITLEDLEQLKSACKEDIPSEKSEEITGSAWFSFLESHNKLDKDNLSYIEHIFEIS RRPDLLTMVVDYRTRVLKISEEDELDTKLTRIPSAKKYKDIIRQPSEEEI IKLAPPKKA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_003759
RefSeq Size:	2509
RefSeq ORF:	390
Synonyms:	HMAT1; HUMMAT1H; MAT1; MAT1H; PEA-15; PED; PED-PEA15; PED/PEA15
Locus ID:	8682
UniProt ID:	Q15121 , B1AKZ4 , Q96FS5
Cytogenetics:	1q23.2



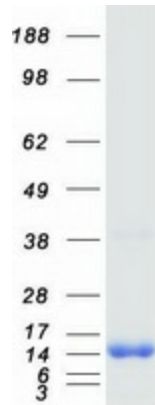
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Summary:

This gene encodes a death effector domain-containing protein that functions as a negative regulator of apoptosis. The encoded protein is an endogenous substrate for protein kinase C. This protein is also overexpressed in type 2 diabetes mellitus, where it may contribute to insulin resistance in glucose uptake. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified PEA15 protein (Cat# [TP305507]). The protein was produced from HEK293T cells transfected with PEA15 cDNA clone (Cat# [RC205507]) using MegaTran 2.0 (Cat# [TT210002]).