

Product datasheet for PH305205

PHYHIP (NM_014759) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PHYHIP MS Standard C13 and N15-labeled recombinant protein (NP_055574)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205205
Predicted MW:	37.6 kDa
Protein Sequence:	>RC205205 protein sequence Red =Cloning site Green =Tags(s)

MELLSTPHSIEINNITCDSFSISWAMEDSDLERVTHYFIDLNKKENKNSNFKHRDVP TKLVAKAVPLPM
 TVRGHWFLSPRTEYSVAVQTAVKQSDGEYLVSGWSETVEFCTGDYAKEHLAQLQEAEQIAGRMLRFSVF
 YRNHHKEYFEHARTHCGNMLQPYLKDNSGSHGSP TSGMLHGVFFSCNTEFNTGQPPQDSPYGRWRFQIPA
 QRLFNPSTNL YFADF YCMTAYHYAILVLAPKGSMDRFRDRRPLLDIACNKFLTCSVEDGELVFRHAQ
 DLILEIIYTEPVDLSLGT LGEISGHQLMSLSTADAKDPSCKTCNISVGR

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:	<u>NP_055574</u>
RefSeq Size:	3232
RefSeq ORF:	990
Synonyms:	DYRK1AP3; PAHX-AP; PAHXAP1
Locus ID:	9796

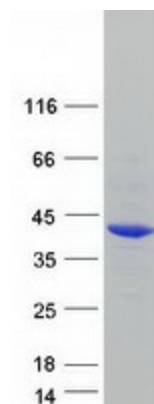

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UniProt ID: [Q92561](#)

Cytogenetics: 8p21.3

Summary: Its interaction with PHYH suggests a role in the development of the central system.
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PHYHIP protein (Cat# [TP305205]). The protein was produced from HEK293T cells transfected with PHYHIP cDNA clone (Cat# [RC205205]) using MegaTran 2.0 (Cat# [TT210002]).