

Product datasheet for PH312299

HYKK (NM_001013619) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AGPHD1 MS Standard C13 and N15-labeled recombinant protein (NP_001013641)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212299
Predicted MW:	41.8 kDa
Protein Sequence:	>RC212299 representing NM_001013619 Red =Cloning site Green =Tags(s)

MSSGNYQQSEALSKPTFSEEQASALVESVFGLKVKVRPLPSYDDQNFHVYVSKTKDGPTEYVLKISNTK
 ASKNPDLIEVQNHIMFLKAAGFPTASVCHTKGDNTASLVSDSGSEIKSYLVRLTYLPGRPIAELPVS
 PQLLYEIGKLAAKLDKTLQRFHHPKLSSLHRENFIGNLKNVPLEKYLALGQNRNREIVEHVIHLFKEE
 VMTKLSHFRECINHGDLNDHNILIESSKSASGNAEYQVSGILDFGDMSYGYVFEVAITIMYMMIESKSP
 IQVGGHVLAFESITPLTAVEKGALFLLVCSRFCQSLVMAAYSCQLYPENKDYLMTAKTGWKHLQQMFD
 MGQKAVEEIIWFETAKSYESGISM

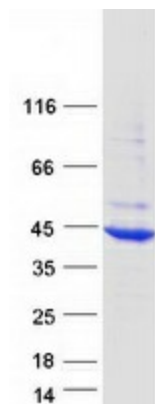
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_001013641</u>
RefSeq Size:	1235
RefSeq ORF:	1119
Synonyms:	AGPHD1
Locus ID:	123688


[View online »](#)

UniProt ID: A2RU49
Cytogenetics: 15q25.1
Summary: Catalyzes the GTP-dependent phosphorylation of 5-hydroxy-L-lysine.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HYKK protein (Cat# [TP312299]). The protein was produced from HEK293T cells transfected with HYKK cDNA clone (Cat# [RC212299]) using MegaTran 2.0 (Cat# [TT210002]).