

Product datasheet for PH325059

YPEL5 (NM_001127399) Human Mass Spec Standard

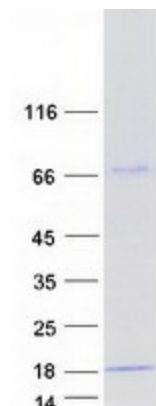
Product data:

Product Type:	Mass Spec Standards
Description:	YPEL5 MS Standard C13 and N15-labeled recombinant protein (NP_001120871)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225059
Predicted MW:	13.8 kDa
Protein Sequence:	<p>>RC225059 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGRIFLDHIGGTRLFSCANCDTILTNRSELISTRFTGATGRAFLFNKVVNLQYSEVQDRVMLTGRHMVRD VSCKNCNSKLGWIYEFATEDSQRYKEGRVILERALVRESEGFEEHVPSDNS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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_001120871
RefSeq Size:	2342
RefSeq ORF:	363
Synonyms:	CGI-127
Locus ID:	51646
UniProt ID:	P62699
Cytogenetics:	2p23.1


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Summary:

Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (PubMed:29911972). Required for normal cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:


Coomassie blue staining of purified YPEL5 protein (Cat# [TP325059]). The protein was produced from HEK293T cells transfected with YPEL5 cDNA clone (Cat# [RC225059]) using MegaTran 2.0 (Cat# [TT210002]).