

Product datasheet for PH304981

DPY30 (NM_032574) Human Mass Spec Standard

Product data:

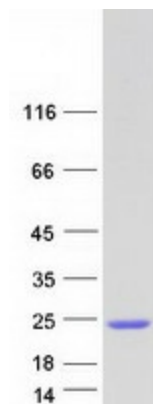
Product Type:	Mass Spec Standards
Description:	DPY30 MS Standard C13 and N15-labeled recombinant protein (NP_115963)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204981
Predicted MW:	11.2 kDa
Protein Sequence:	>RC204981 protein sequence Red=Cloning site Green=Tags(s) MEPEQMLEGQTQVAENPHSEYGLTDNVERIVENEKINAEEKSSKQKVDLQSLPTRAYLDQTVVPILLQGLA VLAKERPPNPIEFLLASYLLKKAQFEDRN 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_115963
RefSeq Size:	800
RefSeq ORF:	297
Synonyms:	Cps25; HDPY-30; Saf19
Locus ID:	84661
UniProt ID:	Q9C005
Cytogenetics:	2p22.3



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Summary:

This gene encodes an integral core subunit of the SET1/MLL family of H3K4 methyltransferases. The encoded protein directly controls cell cycle regulators and plays an important role in the proliferation and differentiation of human hematopoietic progenitor cells. [provided by RefSeq, Mar 2016]

Product images:

Coomassie blue staining of purified DPY30 protein (Cat# [TP304981]). The protein was produced from HEK293T cells transfected with DPY30 cDNA clone (Cat# [RC204981]) using MegaTran 2.0 (Cat# [TT210002]).