

## Product datasheet for PH313656

### SETD6 (NM\_024860) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SETD6 MS Standard C13 and N15-labeled recombinant protein (NP_079136)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213656
Predicted MW:	50.6 kDa
Protein Sequence:	>RC213656 representing NM_024860 Red=Cloning site Green=Tags(s)

MATQAKRPRVAGPVDGGDLDPVACFLSWCRRVGLLELSPKVAVSRQGTVAGYGMVARESVQAGELLFVPR  
AALLSQHTCSIGLLERERVALQSQSGWVPLLLALLHELQAPASRWRPYFALWPELGRLEHMPFWPEEER  
RCLLQGTGVPEAVEKDLANIRSEYQSIVLPFMEHPDLFSLRVRSLLEYHQLVALVMAYSFQEPLEEEED  
EKEPNSPVMVPAADILNHLANHNANLEYSANCLRMVATQPIPKGHEIFNTYGQMANWQLIHMYGFVEPYP  
DNTDDTADIQMTVREAALQGTKTEAERHLVYERWDFLCKLEMVGEEGAFVIGREEVLTEEELTTTLKVL  
CMPAEFRELKQDGGDDKREEGLTITNIPKLGASWRQLLQNSVLLTLQTYATDLKTDQGLLSNKEVY  
AKLSWREQQALQVRYGQKMILHQLLELTS

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_079136</u>
RefSeq Size:	1999
RefSeq ORF:	1347
Locus ID:	79918



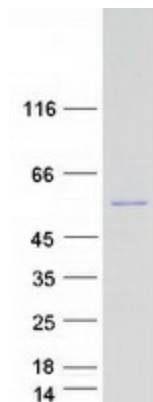
[View online »](#)

UniProt ID: [Q8TBK2](#)

Cytogenetics: 16q21

**Summary:** This gene encodes a methyltransferase that adds a methyl group to the histone H2AZ, which is involved in nuclear receptor-dependent transcription. The protein also interacts with several endogenous proteins which are involved in nuclear hormone receptor signaling. A related pseudogene is located on chromosome 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

### Product images:



Coomassie blue staining of purified SETD6 protein (Cat# [TP313656]). The protein was produced from HEK293T cells transfected with SETD6 cDNA clone (Cat# [RC213656]) using MegaTran 2.0 (Cat# [TT210002]).