

Product datasheet for PH302367

EZH1 (NM_001991) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EZH1 MS Standard C13 and N15-labeled recombinant protein (NP_001982)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202367
Predicted MW:	85.1 kDa
Protein Sequence:	>RC202367 representing NM_001991 Red=Cloning site Green=Tags(s)
	<p>MEIPNPPTSKCITYWKRKVKSEYMRLRQLKRLQANMGAKALYVANFAKVQEKQTQILNEEWKCLRVPVQS MKPVSGHPFLKKCTIESIFPGFASQHMLMRLNLTVALVPMYSWSPLQQNFMVEDETVLCNIPYMGDEVK EEDETFIEELINNYDGKVHGEEMIPGSVLISDAVFLELVDALNQYSDEEEEGHNDTSDGKQDDSKEDLP VTRKRKRHAIIEGNKSSKKQFPNDMIFSAIASMFPENGVPDDMKERYRELTEMSPNALPPQCTPNIDGP NAKSVQREQLSHSFHTLFCRRCFKYDCFLHPPHATPNVYKRKNKEIKIEPEPCGTDCLLLEGAKEYAML HNPRSKCSGRRRRRHHIVSASCSNASASAVAETKEGDSDRDTGNDWASSSSEANSRCQTPTKQKASPAPP QLCVVEAPSEPVEWTGAEESLFRVFHGTYNFNCIARLLGKTCKQVFQFAVKESLILKLPDELNMNS QKKKRKHLWAAHCRKIQLKDNSSTQVYNYQPCDHPDRPCDSTCPCIMTQNFCEKFCQCNPDQNRFP CRCKTQCNTKQPCYLAVRECDPLCLTCGASEHWDCVVSCKNCSIQRGLKKHLLAPSDVAGWGTFIK ESVQKNEFISEYCGELISQDEADRRGKYDYKYMSSFLFNLNDFVVDATRKGNKIRFANHSVNPNCYAKV VMVNGDHRIGIFAKRAIQAGEELFFDYRYSQADALKYVGIERETDVL</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- 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_001982



[View online »](#)

RefSeq Size:	4640
RefSeq ORF:	2241
Synonyms:	KMT6B
Locus ID:	2145
UniProt ID:	Q92800
Cytogenetics:	17q21.2

Summary: EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]). [supplied by OMIM, Mar 2009]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified EZH1 protein (Cat# [TP302367]). The protein was produced from HEK293T cells transfected with EZH1 cDNA clone (Cat# [RC202367]) using MegaTran 2.0 (Cat# [TT210002]).