

Product datasheet for TP302367L

EZH1 (NM_001991) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human enhancer of zeste homolog 1 (Drosophila) (EZH1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC202367 representing NM_001991
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MEIPNPPTSKCITYWKRKVKSEYMRLRQLKRLQANMGAKALYVANFAKVQEKTQILNEEWKCLRVPVQS
MKPVSGHPFLKKCTIESIFPGFASQHMLMRLSLNTVALVPIMYSWSPLQQNFMVEDETVLCNIPYMGDEVK
EEDETFIEELINNYDGKVVHGEEMIPGSVLISDAVFLELVDALNQYSDEEEEGHNDTSDGKQDDSKEDLP
VTRKRKRHAIEGNKSSKKQFPNDMIFSAIASMFPENGVDDMKERYRELTEMSDPNALPPQCTPNIDGP
NAKSVQREQSLHSFHTLFCRRCFKYDCFLHPFHATPNVYKRKNKEIKIEPEPCGTDCFLLEGAKEYAML
HNPRSKCSGRRRRRHIVSASCSNASASAVAETKEGSDRDTGNDWASSSSEANSRCQTPTKQKASPAPP
QLCVVEAPSEPVWGTGAEESLFRVFHGTYNFCSARLLGKTCKQVFQFAVKESLILKLPDDELMNPS
QKKKRKHRLWAAHCRKIQLKDNSSTQVYNYQPCDHPDRPCDSTCPCIMTQNFCEKFCQCNPDQNRFPG
CRCKTQCNTKQCPCYLAVRECDPDLCLTCGASEHWDCKVVSCKNCSIQRGLKKHLLLAPSDVAGWGTFIK
ESVQKNEFISEYCGELISQDEADRRGKVYDKYMSSFLFNLNDFVVDATRKGKIRFANHSVNPNCYAKV
VMVNGDHRIGIFAKRAIQAGEELFFDYRYSQADALKYVGIERETDVL

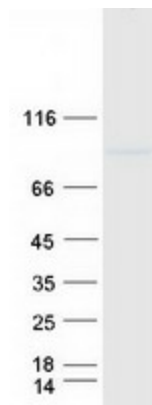
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	85.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001982
Locus ID:	2145
UniProt ID:	Q92800
RefSeq Size:	4640
Cytogenetics:	17q21.2
RefSeq ORF:	2241
Synonyms:	KMT6B
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]).