

Product datasheet for PH302054

EZH2 (NM_004456) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EZH2 MS Standard C13 and N15-labeled recombinant protein (NP_004447)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202054
Predicted MW:	86 kDa
Protein Sequence:	>RC202054 protein sequence Red=Cloning site Green=Tags(s)

MGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRADEVKSMFSSNRQKILERTEILNQEWKORRIQPVHILTSVSSLRGTRECSVTSDDLDFPTQVIPLKTLNAVASVPIMYSWSPLQQNFMVEDETVLHNIPYMGDEVLDQDGTFFIEELIKNYDGKVHGDRECGFINDEIFVELVNALGQYNDGDDDDDDGDDPEEREKQKDLLEDHRDDKESRPPRFKPSDKIFEAISSMFPDKGTAELKEKYKELTEQQLPGALPPECTPNIDGPNASVQREQSLHSFHTLFCRRCFKYDCFLHRKCNYSFHATPNTYKRRKNTETALDNKPCGPQCYQHLEGAKEFAAALTAERIKTPPKRPGGRRRGRLPNNSSRPSTPTINVLESKDTSDREAGTETGGENNDKEEEEKDETSSSEANSRCQTPIKMKPNIEPPENVEWGAEASMFVRLIGTYDNFCAIARLIGTKTCRQVYEFVKESSIIAPAPAEDVDTPPRKKRKRHLWAAHCRKIQLKKGSSNHVYNYQPCDHPRQPCDSSPCVIAQNFCEKFCQCSSECQNRFPGCRCKAQCNKQPCPYLAVRECDPLCLTCGAADHWDSKNVCKNCSIQRGSKKHL LAPSDVAGWGFIFIKDPVQKNEFISEYCGEIIISQDEADRRGKVYDKYMCSFLFNLNDFVVDATRKGNKIRFANHSVNPNCYAKVMMVNGDHRIGIFAKRAIQTGEELFFDYRYSQADALKYVGIEREMEIP

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:	<u>NP_004447</u>



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RefSeq Size:	2723
RefSeq ORF:	2253
Synonyms:	ENX-1; ENX1; EZH2b; KMT6; KMT6A; WVS; WVS2
Locus ID:	2146
UniProt ID:	Q15910 , A0A090N8E9
Cytogenetics:	7q36.1

Summary: This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Feb 2011]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified EZH2 protein (Cat# [TP302054]). The protein was produced from HEK293T cells transfected with EZH2 cDNA clone (Cat# [RC202054]) using MegaTran 2.0 (Cat# [TT210002]).