

Product datasheet for TP509616

Ash2I (NM_001080793) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ASH2 like histone lysine methyltransferase complex subunit (Ash2I), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209616 protein sequence Red=Cloning site Green=Tags(s)

MAAAGAGPGPGVSAGPGPGAAAASATTAEDRETEPVAAGAGEGPSAAPGAEPSSGEAESGDANLVDVSGLE
TESSNGKDTLEGTGDTSEVMDTQAGSVDEENGRQLGEVELQCGICTKWFTADTFGIDTSSCLPFMTNYSF
HCNVCHHSGNTYFLRKQANLKEMCLSANLWTQSRQDEHPKTMFSKDKDIIPFIDKYWECMTTRQRP
KMTWPNNIVKTMSKERDVFLVKEHPDPGSKDPEEDYPKFGLLDQDLSNIGPAYDNQKQSSAVSASGNLNG
GIAAGSSGKGRGAKRKQDGGTTGTTKARSDFSAQRLPPHGYPLEHPFNKDGYYILAEPDPHAPDP
EKLELDCWAGKPIPGDLYRACL YERVLLALH DRAPQLKISDDRLTVGEGYSMVRASHGVRKGAWYFEI
TVDEMPDPDAAARLGWSQPLGNLQAPLGYDKFSYSWRSKKGTKFHQSIGKHYSSGYGQGDVLFYINLPED
TETAKSLPDTYKDKALIKFKSYLYFEEKDFVDKAEKSLKQTPHSEIIFYKNGVNQGVAYRDFEGVYFPA
ISLYKSCTVSINFGPSFKYPPKDLTYHPMSDMGWGAVVEHTLADVLYHVETEVDGRRSPPWEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	68.3 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001074262](#)

Locus ID: 23808

UniProt ID: [E9PU93](#), [Q3UKZ9](#)

RefSeq Size: 3213

Cytogenetics: 8 A2

RefSeq ORF: 1872

Summary: Component of the Set1/Ash2 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3, but not if the neighboring 'Lys-9' residue is already methylated. As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3. May function as a transcriptional regulator. May play a role in hematopoiesis (By similarity).[UniProtKB/Swiss-Prot Function]