

Product datasheet for **TP31552M**

ASH2L (NM_004674) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ash2 (absent, small, or homeotic)-like (Drosophila) (ASH2L), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215552 representing NM_004674 Red =Cloning site Green =Tags(s)

MAAAGAGPGQEAGAGPGPGAVANATGAEEMKPVAAAGAAAPPGEGISAAPTVEPSSGEAEGGEANLVDV
SGGLETSSNGKDTLEGAGDTSEVMDTQAGSVDEENGRQLGEVELQCGICTKWFTADTFGIDTSSCLPFM
TNYSFHCNVCHSGNTYFLRKQANLKEMCLSANLWQSRTQDEHPKTMFSKDKDIIPFDKYWECMTT
RQRPGKMTWPNIVKTMskerDvFLVKEHPDPGSKDPEEDYPKFGLLDQDLSNIGPAYDNQKQSSAVSTS
GNLNGGIAAGSSGKGRGAKRKQDGGTTGTTKKARSDPLFSAQRLPPHGYPLEHPFNKDG YRYILAEPDP
HAPDPEKLELDCWAGKPIPGDLYRACL YERVLLALHDRAPQLKISDDRLLTVVGEKGYSMVRASHGVRKGA
WYFEITVDEMPDPTAARLGWSQPLGNLQAPLGYDKFSYSWRSKKGTKFHQSIGKHYSSGYGQGDVLFYI
NLPEDTETAKSLPDTYKDKALIKFSYLYFEEKDFVDKAEKSLKQTPHSEIIFYKNGVNVQGVAYKDIFEG
VYFPAISLYKSCTVSINFGPCFKYPPKDLTYRPMSDMGWGA VVEHTLADVLYHVETEVDGRRSPPWEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

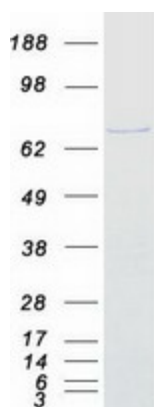
Tag:	C-Myc/DDK
Predicted MW:	68.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_004665
Locus ID:	9070
UniProt ID:	Q9UBL3
RefSeq Size:	2381
Cytogenetics:	8p11.23
RefSeq ORF:	1884
Synonyms:	ASH2; ASH2L1; ASH2L2; Bre2
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.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified ASH2L protein (Cat# [TP315552]). The protein was produced from HEK293T cells transfected with ASH2L cDNA clone (Cat# [RC215552]) using MegaTran 2.0 (Cat# [TT210002]).