

Product datasheet for PH315552

ASH2L (NM_004674) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASH2L MS Standard C13 and N15-labeled recombinant protein (NP_004665)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215552
Predicted MW:	68.5 kDa
Protein Sequence:	>RC215552 representing NM_004674 Red=Cloning site Green=Tags(s)

MAAAGAGPGQEAGAGPGGAVANATGAEEGEMKPVAAGAAAPPGEIGISAAPTVEPSSGEAEGGEANLVDV
SGGLETESSNGKDTLEGAGDTSEVMDTQAGSVDEENRQLGEVELQCGICTKWFTADTFGIDTSSCLPFM
TNYSFHCNVCHSGNTYFLRKQANLKEMCLSALANLTWQSRTQDEHPKTMFSKDKDIIPFIDKYWECMTT
RQRPGKMTWPNNIVKTMskerDvFLVKEHPDPGSKDPEEDYPKFGLLDQDL SNIGPAYDNQKQSSAVSTS
GNLNGGIAAGSSGKGRGAKRKQQDGGTTGTTKARSDFSAQRLPPHGYPLEHPFNKDG YRYILAEPDP
HAPDPEKLELDCWAGKPIPGDL YRACLYERVLLALHDRAPQLKISDDRLTVVGEKGYSMVRASHGVRKGA
WYFEITVDEMPDPTAARLGWSQPLGNLQAPLGYDKFSYSWRSKKGTFKHQSIGKHYSYGQGDVLFYI
NLPEDTETAKSLPDTYKDKALIKFKSYLYFEEDKDFVKAESLQKTPHSEIIFYKNGVNGVAYKIDIFEG
VYFPAISLYKSCVTSINFGPCFKYPPKDLTYRPMSDMGWGA VVEHTLADVLYHVE TEVDGRRSPWEP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_004665
RefSeq Size:	2381
RefSeq ORF:	1884



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Synonyms: ASH2; ASH2L1; ASH2L2; Bre2

Locus ID: 9070

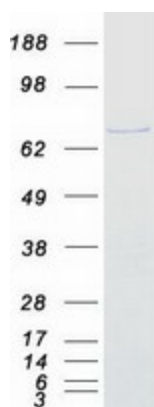
UniProt ID: [Q9UBL3](#)

Cytogenetics: 8p11.23

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]).