

## **Product datasheet for TP315552**

## OriGene Technologies, Inc.

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### 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, 20 µg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC215552 representing NM\_004674

or AA Sequence: Red=Cloning site Green=Tags(s)

MAAAGAGPGQEAGAGPGPGAVANATGAEEGEMKPVAAGAAAPPGEGISAAPTVEPSSGEAEGGEANLVDV SGGLETESSNGKDTLEGAGDTSEVMDTQAGSVDEENGRQLGEVELQCGICTKWFTADTFGIDTSSCLPFM TNYSFHCNVCHHSGNTYFLRKQANLKEMCLSALANLTWQSRTQDEHPKTMFSKDKDIIPFIDKYWECMTT RQRPGKMTWPNNIVKTMSKERDVFLVKEHPDPGSKDPEEDYPKFGLLDQDLSNIGPAYDNQKQSSAVSTS GNLNGGIAAGSSGKGRGAKRKQQDGGTTGTTKKARSDPLFSAQRLPPHGYPLEHPFNKDGYRYILAEPDP HAPDPEKLELDCWAGKPIPGDLYRACLYERVLLALHDRAPQLKISDDRLTVVGEKGYSMVRASHGVRKGA WYFEITVDEMPPDTAARLGWSQPLGNLQAPLGYDKFSYSWRSKKGTKFHQSIGKHYSSGYGQGDVLGFYI NLPEDTETAKSLPDTYKDKALIKFKSYLYFEEKDFVDKAEKSLKQTPHSEIIFYKNGVNQGVAYKDIFEG VYFPAISLYKSCTVSINFGPCFKYPPKDLTYRPMSDMGWGAVVEHTLADVLYHVETEVDGRRSPPWEP

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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.





#### ASH2L (NM\_004674) Human Recombinant Protein - TP315552

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

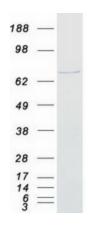
specifically methylates 'Lys-4' of histone H3, but not if the neighboring 'Lys-9' residue is already methylated. As part of the MLL1/MLL complex it is involved in methylation and dimethylation at

'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]).