

Datasheet for ABIN7552453
ASH2L Protein (AA 1-628) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ASH2L
Protein Characteristics:	AA 1-628
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASH2L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ASH2L Protein expressed in mammalian cells.
Sequence:	MAAAGAGPGQ EAGAGPGPGA VANATGAEAG EMKPVAAGAA APPGEGISAA PTVEPSSGEA EGGEANLVDV SGGLETESSN GKDTLEGAGD TSEVMDTQAG SVDEENGRQL GEVELQCGIC TKWFTADTFG IDTSSCLPFM TNYSFHCNVC HHSNGNTYFLR KQANLKEMCL SALANLTWQS RTQDEHPKTM FSKDKDIIPF IDKYWECMTT RQRP GKMTWP NNIVKTMSKE RDVFLVKEHP DPGSKDPEED YPKFGLLDQD LSNIGPAYDN QKQSSAVSTS GNLNGGIAAG SSGKGRGAKR KQQDGGTTGT TTKARSDPLF SAQRLPPHGY PLEHPFNKDG YRYLAEPDP HAPDPEKLEL DCWAGKPIPG DLYRACLYER VLLALHDRAP QLKISDDRLT VVGEKGYSMV RASHGVRKGA WYFEITVDEM PPDTAARLGW SQPLGNLQAP LGYDKFSYSW RSKKGTKFHQ SIGKHYSSGY GQGDVLGFYI NLPEDTETAK SLPD TYKDKA LIKFKSYLYF EEKDFVDKAE KSLKQTPHSE IIFYKNGVNQ GVAYKDIFEG VYFPAISLYK SCTVSINFGP CFKYPPKDLT YRPMSDMGWG AVVEHTLADV LYHVETEVDG RRSPPWEP Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the

Product Details

protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ASH2L

Alternative Name: ASH2L ([ASH2L Products](#))

Background: Set1/Ash2 histone methyltransferase complex subunit ASH2 (ASH2-like protein),FUNCTION: Transcriptional regulator (PubMed:12670868). Component or associated component of some histone methyltransferase complexes which regulates transcription through recruitment of those complexes to gene promoters (PubMed:19131338). 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 (PubMed:19556245). As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3 (PubMed:19556245). May play a role in hematopoiesis (PubMed:12670868). In association with RBBP5 and WDR5, stimulates the histone methyltransferase activities of

Target Details

KMT2A, KMT2B, KMT2C, KMT2D, SETD1A and SETD1B (PubMed:21220120, PubMed:22266653). {ECO:0000269|PubMed:12670868, ECO:0000269|PubMed:19131338, ECO:0000269|PubMed:19556245, ECO:0000269|PubMed:21220120, ECO:0000269|PubMed:22266653}.

Molecular Weight: 68.7 kDa

UniProt: [Q9UBL3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months