

Datasheet for ABIN7563481

## ASXL1 Protein (AA 1-1514) (His tag)



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### Overview

Quantity:	1 mg
Target:	ASXL1
Protein Characteristics:	AA 1-1514
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASXL1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Asxl1 Protein expressed in mammalien cells.
Sequence:	<p>MKDKQKRKKE RTWAEARLV LENYSDAPMT PKQILQVIEA EGLKEMRSGT SPLACLNAML</p> <p>HSNSRGGEGF FYKLPGRISL FTLKKDAVQW SRNAATVDGD EPEDSADVES CGSNEASTVS</p> <p>GENDVSLDET SSNASCSTES QSRPLSNPRD SHRASSQANK QKKRTGVMLP RVVLTPLKVN</p> <p>GAHVEPASGF SGRHADGESG SPSSSSSSGSL ALGNSAIRGQ AEVTRDPAPL LRGFRKPATG</p> <p>QMKRNRGEEV DFETPGSILV NTNLRALINS RTFHALPLHF QQQLLLLLPE VDRQVGTDGL</p> <p>LRLSGSALNN EFFTHAAQSW RERLADGEFT HEMQVRLRQE MEKEKKVEQW KEKFFEDYYG</p> <p>QKLGLTKEES LQQKEVQEEA KVKSGLCVSG ESVRPQRGPN TRQRDGHFKK RSRPDLRTRS</p> <p>RRNIYKKQEP EQAGVAKDAS AAPDVSLSKD TKTDLAGVNS TPGPDVSSAT SGQEGPKCPS</p> <p>EPVASQIQAE RDNLACASAS PDRIPTLPQD TVDQETKDQK RKSFEQEASA SFPEKKPRLE</p> <p>DRQSFRNTIE SVHTEKPQPT KEEPKVPIR IQLSRIKPPW VAKGRPTYQI CPRIVPITES</p> <p>SCRGWTGART LADIKARALQ ARGARGYHCN RETATTAIGG GGGPGGGGSG AIDEGGGRDS</p>

SSGDGSEACG HPEPRGAPST SGESASDLQR TQLLPPCPLN GEHTPAEAM PRARREDSAS  
LRKEESCLLK RVPGLVTSLG EDASQPPIAP TGDQPCQALP PLSSQTPVAE MLTEQPKLLL  
DDRTECESSR EDQGPTIPSE SSSGRFPLGD LLGGGSDQAF DNMKEPVSMT PTFISELSLA  
NYLQDRPDDD GLGLGATGLL IRESSRQEAL TEAFASGSPT SWVPILSNYE VIKTSDPESR  
ENIPCPEPQD EKEWERAVPL IAATESVPQP ESCISHWTPP PAAVGSTGSD SEQVDLERLE  
MNGISEAPSP HSESTDASD SEGHLSSEDSS EVDASEVTVV KGSLGGDEKQ DWDPSASLSK  
VNNDLSVLTR TGGVAASQSW VSRVCSVPHK IPDSLILLSST ECQPRVCPL RPGSSVEVTN  
PLVMHLLHGN LPLEKVLPPG HRSSRLESSQ LPLREQSQDR GTLQGTGENN RLAARINPGS  
AQTLKESILA QSYGASAGLV RAMASKAPAM SQKIAKMVTS LDSQHPETEL TPSSGNLEEI  
DSKEHLSSFL CEEQKEGHSL SQGSDPGAAP GQCLGDHTTS KVPCFSSTNV SLSFGSEQTD  
GTLSDQNNAG GHEKKLFGPG NTVTTLQCPR SEEQTPLPAE VPPVFPSRKI EPSKNSVSGG  
VQTTRENRMP KPPPVSADSI KTEQTFLRDP IKADAENRKA AGYSSLELVG HLQGMFPFVVD  
LPFWKLPREP GKGFSQLPEP SSIPSQNLIN QALYGKLSKL QLSPTSFNYS SSSATFPKGL  
AGGVVQLSHK ASFGTGHTAS LSLQMFADSS AVESISLQCA CSLKAMIMCQ GCGAFCHDDC  
IGPSKLCVLC LVVR **Sequence without tag. The proposed Purification-Tag is based on  
experiences with the expression system, a different complexity of the protein could make  
another tag necessary. In case you have a special request, please contact us.**

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, Western Blot

Grade:

custom-made

## Target Details

Target:	ASXL1
Alternative Name:	Asxl1 ( <a href="#">ASXL1 Products</a> )
Background:	<p>Polycomb group protein ASXL1 (Additional sex combs-like protein 1),FUNCTION: Probable Polycomb group (PcG) protein involved in transcriptional regulation mediated by ligand-bound retinoic acid receptors (RARs) and peroxisome proliferator-activated receptor gamma (PPARG) (PubMed:16606617). Acts as a coactivator of RARA and RXRA through association with NCOA1 (PubMed:16606617). Acts as a corepressor for PPARG and suppresses its adipocyte differentiation-inducing activity (PubMed:21047783). Non-catalytic component of the PR-DUB complex, a complex that specifically mediates deubiquitination of histone H2A monoubiquitinated at 'Lys-119' (H2AK119ub1) (By similarity). Acts as a sensor of N(6)-methyladenosine methylation on DNA (m6A): recognizes and binds m6A DNA, leading to its ubiquitination and degradation by TRIP12, thereby inactivating the PR-DUB complex and regulating Polycomb silencing (By similarity). {ECO:0000250 UniProtKB:Q8IXJ9, ECO:0000269 PubMed:16606617, ECO:0000269 PubMed:21047783}.</p>
Molecular Weight:	162.7 kDa
UniProt:	<a href="#">P59598</a>
Pathways:	<a href="#">Retinoic Acid Receptor Signaling Pathway</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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