

Datasheet for ABIN7552476  
**ASXL2 Protein (AA 1-1435) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | ASXL2  |
| Protein Characteristics:      | AA 1-1435                                    |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This ASXL2 protein is labelled with His tag. |

## Product Details

|           |  |
|-----------|--|
| Purpose:  | Custom-made recombinant ASXL2 Protein expressed in mammalian cells.  |
| Sequence: | MREKGRKKG RTWAEAAKTV LEKYPNTPMS HKEILQVIQR EGLKEIRSGT SPLACLNAML<br>HTNSRGEEGI FYKVPGRMGV YTLKKDVPDG VKELSEGSEE SSDGQSDSQS SENSSSSSDG<br>GSNKEGKKS R WKRKVSSSSP QSGCPSPTIP AGKVISPSQK HSKKALKQAL KQQQKKKQQ<br>QCRPSISISS NQHLSLKTVK AASDSVPAKP ATWEGKQSDG QTGSPQNSNS SFSSSVKVEN<br>TLLGLGKKS F QRSERLHTRQ MKRTKCADID VETPDSILVN TNLRALINKH TFSVLPGDCQ<br>QRLLLLLPEV DRQVGPDGLM KLNGSALNNE FFTSAAQGWK ERLSEGEFTP EMQVRIRQEI<br>EKEKKVEPWK EQFFESYYGQ SSGLSLEDSK KLTASPSDPK VKKTPAEQPK SMPVSEASLI<br>RIVPVVSQSE CKEEALQMSS PGRKEECESQ GEVQPNFSTS SEPLLSSALN THELSSILPI<br>KCPKDEDLLE QKPVTSAEQE SEKNHLTTAS NYNKSESQES LVTSPSKPKS PGVEKPIVKP<br>TAGAGPQETN MKEPLATLVD QSPESLKRKS SLTQEEAPVS WEKRPRVTEN RQHQQPFQVS<br>PQPFLNRGDR IQVRKVPLK IPVSRISPMP FHPSQVSPRA RFPVSITSPN RTGARTLADI<br>KAKAQLVKAQ RAAAAAAAAA AAAASVGGTI PGPGGGGQG PEGEGEGQTA RGGSPGSDRV |

SETGKGPTLE LAGTGSRGGT RELLPCGPET QPQSEKTTTP SQAQPHSVSG AQLQQTTPPVP  
PTPAVSGACT SVPSPAHIEK LDNEKLNPTR ATATVASVSH PQGPSSCRQE KAPSPTGPAL  
ISGASPVHCA ADGTVELKAG PSKNIPNPSA SSKTDASVPV AVTPSPLTSL LTTATLEKLP  
VPQVSATTAP AGSAPPSSTL PAASSLKTPG TSLNMNGPTL RPTSSIPANN PLVTQLLQ GK  
DVPMEQILPK PLTKVEMKTV PLTAKEERGM GALIATNTTE NSTREEVNER QSHPATQQQL  
GKTLQSKQLP QVPRPLQLFS AKELRDSSID THQYHEGLSK ATQDQILQTL IQRVRRQNLL  
SVVPPSQFNF AHSGFQLEDI STSQRFMLGF AGRRTSKPAM AGHYLLNIST YGRGSESFRR  
THSVNPEDRF CLSSPTEALK MGYTDCKNAT GESSSSKEDD TDEESTGDEQ ESVTVKEEPQ  
VSQSAGKGD TSSGPHSRETL STSDCLASKN VKAEIPLNEQ TTLSKENYLF TRGQTFDEKT  
LARDLIQAAQ QQMAHAVRGK AIRSSPELFS STVLPLPADS PTHQPLLLPP LQTPKLYGSP  
TQIGPSYRGM INVSTSSDMD HNSAVPGSQV SSVNGDVMSF SVTVTTIPAS QAMNPSSHGQ  
TIPVQAFSEE NSIEGTPSKC YCRLKAMIMC KGCGAFCHDD CIGPSKLCVS CLVVR **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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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|                   |   |
|-------------------|---|
| Target:           | ASXL2   |
| Alternative Name: | ASXL2 ( <a href="#">ASXL2 Products</a> )  |
| Background:       | <p>Putative Polycomb group protein ASXL2 (Additional sex combs-like protein 2),FUNCTION: Putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development. PcG proteins are not required to initiate repression, but to maintain it during later stages of development. They probably act via methylation of histones, rendering chromatin heritably changed in its expressibility (By similarity). Involved in transcriptional regulation mediated by ligand-bound nuclear hormone receptors, such as peroxisome proliferator-activated receptor gamma (PPARG). Acts as coactivator for PPARG and enhances its adipocyte differentiation-inducing activity, the function seems to involve differential recruitment of acetylated and methylated histone H3. {ECO:0000250, ECO:0000269 PubMed:21047783}.</p> |
| Molecular Weight: | 153.8 kDa   |
| UniProt:          | <a href="#">Q76L83</a>  |
| Pathways:         | <a href="#">Positive Regulation of fat Cell Differentiation</a>   |

## Application Details

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|                    |   |
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| 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

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|                  |  |
|------------------|--|
| 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  |