

Datasheet for ABIN7564471
ASXL2 Protein (AA 1-1370) (His tag)



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Overview

Quantity:	1 mg
Target:	ASXL2
Protein Characteristics:	AA 1-1370
Origin:	Mouse
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:	<p>MREKGRRKKG RTWAEAAKTV LEKYPNTPMS HKEILQVIQR EGLKEIRSGT SPLACLNAML HTNSRGEEGI FYKVPGRMGV YTLKKDVPDG VKELSECSEE SSDGQSDSHS SDNSSSSDGG SNKEGRKSRW KRKVSSRLSH PPSPPSGCPS PTIPASKVIS PSQKHSKKAL KQALKQQQQK KKQQQCRPSM SISNQHLSLK TVKAASDSVP AKPGQMKRTK CADIDVETPD SILVNTNLRA LINKHTFSVL PGDCQQRLLL LLPEVDRQVG PDGLMKLNLS ALNNEFF TSA AQGWKERLSE GEFTPEMQVR IRQEIEKEK VELWKEQFFE NYYGQSSGLS LEDSQLTAS SSDPKAKKTP AEQPKSILPS EASPVRIPV VPQSECKEEA VQIPSPSQKE ENQDEARPDS KSPEPVLASA SNTNELITMK PIKSPKDEGL LEQKPVACAE QESEKENHVT TTSRNNKSEN QEALAIOSPK SKNAGLQKPI IKPVAEASPL NPDMMKPPAT VTDQIQESLK RKSSLTDEEA TSSWEKRPRI TENRHHQQPF QVSPQPFLNR GDRVQVRKVP PLKIPVSRIS PMLFSTSQVS PRARFPISIT SPYRTGARTL ADIKAKAQLV EAQKAAAAA AAAAAAASVG GTIPGPGPGG GQSPREGGER KIAGGGSAGS DPVSTNGKGP TLELAGTGSR GGTRELLPCG PQPETNMPGQ AQPPGISGAQ</p>

LQQTSSVPTG LASSGACTSV PLPAHIEISN SEKPNLHKAT ATAASPCHLQ DPRSCRLEKA
LSPTGPPLIS GASTVYFVAD GTVEPKAGSN KNAPKPSALA KTTAPAPLDM TSSPVTTASL
EKLPVPQISG TATSTGSAPS SSTLPAASSL KTPGTSANMN GPISRTSSSI PANNPLVTQL
LQGKDVPLEQ ILPKPLTKIE MKTVPLTTKE EKGIGIFPGI SVMESSSREE VNQRQAHLAI
PQLGKPLQSK QLSQVPRPVF TAKDRKDPCI DTHQYREGLS KTTQDQLFQT LIQRAQRQSV
LSFVPPSQFN FAHSGFHLED ISTSQKFMLG FAGRRTSKPA MAGHYLLNIS TYGRGTENIK
RTHSVNPDDR FCLSSPTEAL RMGHADYKNT TGEISSKEDE SDEDRVGDEQ EPISVKEEPW
ASQSSGRPH HGEASSTNDC LASKNGKTEA PVSEQTTLGQ ENYIFSRGQA SDEKSLPRDF
IPAAHKQMTM AVRKGTVCSS PELFNSTALS LPADSPHQ LLLPPLQTPK LYGSPTQIGP
SYRGMINVST SSDMDHNSAI PGSQVSSNVG DVMSFSVTVT TIPASQAMNP SSHGQTIPVQ
TFPDDNSIED TPSKCYCRK AMIMCKGCGA FCHDDCIGPS KLCVSLVVR **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.**

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:	ASXL2
Alternative Name:	Asxl2 (ASXL2 Products)
Background:	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. Involved in transcriptional regulation mediated by ligand-bound nuclear hormone receptors, such as peroxisome proliferator-activated receptor gamma (PPARG). Acts as a coactivator for PPARG and enhances its adipocyte differentiation-inducing activity, the function seems to involve differential recruitment of acetylated and methylated histone H3 (By similarity). {ECO:0000250}.
Molecular Weight:	147.1 kDa
UniProt:	Q8BZ32
Pathways:	Positive Regulation of fat Cell Differentiation

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