

## 32-8250: Recombinant Human Putative Polycomb Group Protein ASXL1 (N-GST)(Discontinued)

**Gene :** ASXL1  
**Gene ID :** 171023  
**Uniprot ID :** Q8IXJ9

### Description

Source: E. coli.  
MW :33.6kD.

Recombinant Human Additional sex combs-like protein 1 is produced by our E.coli expression system and the target gene encoding Lys1477-Arg1541 is expressed with a GST tag at the N-terminus. Putative Polycomb group protein ASXL1 involved in transcriptional regulation mediated by ligand-bound nuclear hormone receptors, such as retinoic acid receptors (RARs) and peroxisome proliferator-activated receptor gamma (PPARG). It acts as coactivator of RARA and RXRA through association with NCOA1. ASXL1 also acts as corepressor through recruitment of KDM1A and CBX5 to target genes in a cell-type specific manner; the function seems to involve differential recruitment of methylated histone H3 to respective promoters.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA  
DKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLEVEL  
FQGPLGSKANFGASHSASLSLQMFTDSSTVESISLQCACSLKAMIMCQCGAFCHDDCIGPSKLCVLCVVRR

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.