

ASXL1 Protein, Human (GST)

Cat. No.:	HY-P7614
Synonyms:	rHuASXL1, N-GST; Putative Polycomb group protein ASXL1; Additional sex combs-like protein 1; ASXL1; KIAA0978
Species:	Human
Source:	E. coli
Accession:	Q8IXJ9 (K1477-R1541)
Gene ID:	171023
Molecular Weight:	Approximately 38.0 kDa

PROPERTIES

AA Sequence	<pre> M S P I L G Y W K I K G L V Q P T R L L L E Y L E E K Y E E H L Y E R D E G D K W R N K K F E L G L E F P N L P Y Y I D G D V K L T Q S M A I I R Y I A D K H N M L G G C P K E R A E I S M L E G A V L D I R Y G V S R I A Y S K D F E T L K V D F L S K L P E M L K M F E D R L C H K T Y L N G D H V T H P D F M L Y D A L D V V L Y M D P M C L D A F P K L V C F K K R I E A I P Q I D K Y L K S S K Y I A W P L Q G W Q A T F G G G D H P P K K A N F G A S H S A S L S L Q M F T D S S T V E S I S L Q C A C S L K A M I M C Q G C G A F C H D D C I G P S K L C V L C L V V R </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Additional sex combs-like (ASXL) proteins are mammalian homologs of Addition of sex combs (Asx), a protein that regulates the balance of trithorax and Polycomb function in Drosophila. All three ASXL family members (ASXL1, ASXL2, and ASXL3) are affected by somatic or de novo germline mutations in cancer or rare developmental syndromes, respectively ^[1] .
-------------------	--

REFERENCES

[1]. Jean-Baptiste Micol, et al. The Role of Additional Sex Combs-Like Proteins in Cancer. Cold Spring Harb Perspect Med. 2016 Oct 3;6(10):a026526.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA