

Full-Length

ASXL1 (Human) Recombinant Protein (P01)

Catalog # H00171023-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description	Human ASXL1 full-length ORF (AAH64984.1, 1 a.a. - 84 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKDKQKKKKERTWAEAAARLVLENYS DAPMTPKQILQVIEAGLKEMSGTSPLACLNAMLHSNSR GGEGLFYKLPGRISLFTLKR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.9
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ASXL1

Entrez GeneID [171023](#)

GeneBank Accession# [BC064984.1](#)

Protein Accession# [AAH64984.1](#)

Gene Name ASXL1

Gene Alias KIAA0978, MGC117280, MGC71111

Gene Description additional sex combs like 1 (Drosophila)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is similar to the Drosophila additional sex combs gene, which encodes a chromatin-binding protein required for normal determination of segment identity in the developing embryo. The protein is a member of the Polycomb group of proteins, which are necessary for the maintenance of stable repression of homeotic and other loci. The protein is thought to disrupt chromatin in localized areas, enhancing transcription of certain genes while repressing the transcription of other genes. The protein encoded by this gene functions as a ligand-dependent co-activator for retinoic acid receptor in cooperation with nuclear receptor coactivator 1. Mutations in this gene are associated with myelodysplastic syndromes and chronic myelomonocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000030592|additional sex combs like 1

Disease

- [Disease Progression](#)

- [Leukemia](#)
- [Myelodysplastic Syndromes](#)
- [Myeloproliferative Disorders](#)