



Recombinant Protein Technical Manual

Recombinant Human ASXL1 Protein (GST Tag)

RPES4875

Product Data:

Product SKU: RPES4875

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q8IXJ9

Protein Information:

Molecular Mass: 33.6 kDa

AP Molecular Mass: 38 kDa

Tag: N-GST

Bio-activity:

Purity: > 90% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Putative Polycomb group protein ASXL1; Additional sex combs-like protein 1; ASXL1; KIAA0978;

Immunogen Information:

Sequence: Lys1477-Arg154

Background:

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.