

MLL3 recombinant protein

MLL3 (KMT2C), Active

CATALOG # AAA73023	HOST Sf9 insect cells using baculovirus	APPLICATIONS Methyltransferase Assay
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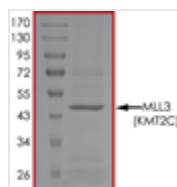
PRODUCT SYNONYMS

MLL3; MLL3 (KMT2C); Active; MLL3 recombinant protein

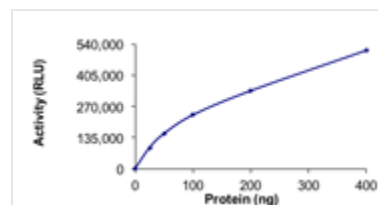
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	4689-end
Sequence Length	16872
Applicable Applications for MLL3 recombinant protein	Methyltransferase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for MLL3 recombinant protein	Description: Recombinant human MLL3 (4689-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: Histone-lysine N-methyltransferase 2C, also known as mixed-lineage leukemia 2 (MLL3) is the central component of the MLL2/3 complex, a coactivator complex of nuclear receptors involved in transcriptional coactivation. Deletion of the region harboring the MLL3 gene was found to be the most frequently recurrent chromosomal abnormality in acute myeloid leukemia.
Product Categories/Family for MLL3 recombinant protein	Enzymes; Active Methyltransferases

References	1. Rao RC, et al: Hijacked in cancer: the KMT2 (MLL) family of methyltransferases. Nat Rev Cancer. 15 (6): 334-46. 2015. 2. Ford DJ, et al: The cancer COMPASS: navigating the functions of MLL complexes in cancer. Cancer Genet. 208 (5):178-91. 2015 3. http://www.uniprot.org/uniprot/Q8NEZ4
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NCBI AND UNIPROT INFORMATION

NCBI GI #	91718901
NCBI GeneID	58508
NCBI Accession #	NM_170606.2
NCBI GenBank Nucleotide #	NM_170606
UniProt Accession #	Q8NEZ4; Q8NC02; Q8NDF6; Q9H9P4; Q9NR13; Q9P222; Q9UDR7
Molecular Weight	51 kDa
NCBI Official Full Name	Homo sapiens lysine methyltransferase 2C (KMT2C), mRNA
NCBI Official Synonym Full Names	lysine methyltransferase 2C
NCBI Official Symbol	KMT2C
NCBI Official Synonym Symbols	HALR; MLL3
NCBI Protein Information	histone-lysine N-methyltransferase 2C
UniProt Protein Name	Histone-lysine N-methyltransferase 2C
UniProt Gene Name	KMT2C
UniProt Synonym Gene Names	HALR; KIAA1506; MLL3; Lysine N-methyltransferase 2C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/kmt2c-recombinant-protein-sf9-insect-cells-using-baculovirus-methyltransferase-assay/73023>