

Recombinant Human DOT1L Protein, GST-tagged

Cat. No. DOT1L-2821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOT1L partial ORF (NP_115871, 3 a.a. - 108 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a histone methyltransferase that methylates lysine-79 of histone H3. It is inactive against free core histones, but shows significant histone methyltransferase activity against nucleosomes. [provided by RefSeq, Aug 2011]
Molecular Mass	37.4 kDa
AA Sequence	EKLELRKSPVGAEPVYPWPLPVYDKHHDAAEHIIETIRWVCEEIPDLKLAMENYVLI DYDTKSFESMQRLCDKYNRAIDSIHQLWKGTTQPMKLNTRPSTGLLR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name DOT1L DOT1-like, histone H3 methyltransferase (S. cerevisiae) [Homo sapiens]

Official Symbol DOT1L

Synonyms DOT1L; DOT1-like, histone H3 methyltransferase (S. cerevisiae); histone-lysine N-methyltransferase, H3 lysine-79 specific; DOT1; histone methyltransferase DOT1L; KIAA1814; KMT4; H3-K79-HMTase; DOT1-like protein; lysine N-methyltransferase 4; histone H3-K79 methyltransferase; DKFZp586P1823;

Gene ID 84444

mRNA Refseq NM_032482

Protein Refseq NP_115871

MIM 607375

UniProt ID Q8TEK3

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