Recombinant Human DOT1L Protein, GST-tagged

Cat. No. DOT1L-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal GST-tagged human DOT1L protein (2-416) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-416
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.
Molecular Mass	74.1 kDa
Purity	≥95% as determined by SDS-PAGE
Stability	≥ 1 year
Storage	At -80 centigrade.

GENE INFORMATION

Gene Name	DOT1L DOT1 like histone lysine methyltransferase [Homo sapiens (human)]

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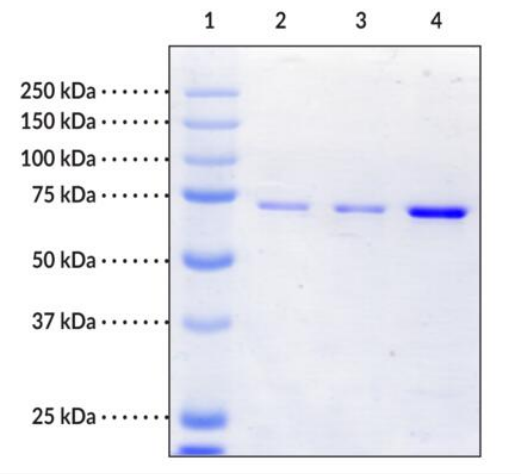
Official Symbol	DOT1L
Synonyms	DOT1L; DOT1 like histone lysine methyltransferase; DOT1; KMT4; histone-lysine N-methyltransferase, H3 lysine-79 specific; DOT1 like histone H3K79 methyltransferase; DOT1-like histone methyltransferase; DOT1-like protein; DOT1-like, histone H3 methyltransferase; H3-K79-HMTase; histone H3-K79 methyltransferase; histone methyltransferase DOT1L; lysine N-methyltransferase 4; EC 2.1.1.360
Gene ID	84444
mRNA Refseq	NM_032482
Protein Refseq	NP_115871
MIM	607375
UniProt ID	Q8TEK3
SDS-PAGE analysis of DOT1L	 Lane 1: MW Ladder

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Lane 2: DOT1L (1 μg)
Lane 3: DOT1L (2 μg)
Lane 4: DOT1L (4 μg)

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