

Recombinant Human DOT1L protein

Cat. No. DOT1L-767H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOT1L protein(NP_115871.1)(Gly 2-Lys 416) was expressed and purified in E.coli, with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-416 aa
Form	Lyophilized from sterile 20mM HEPES, 150mM NaCl, 1mM EDTA, 15% glycerol, pH 7.5.
Molecular Mass	The recombinant human DOT1L comprises 417 amino acids and has a predicted molecular mass of 47.6 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

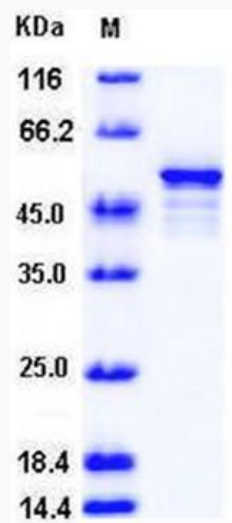
Gene Name	DOT1L DOT1-like, histone H3 methyltransferase (S. cerevisiae) [Homo sapiens]
Official Symbol	DOT1L
Synonyms	DOT1L; DOT1-like, histone H3 methyltransferase (S. cerevisiae); histone-lysine N-methyltransferase, H3 lysine-79 specific; DOT1; histone methyltransferase DOT1L; KIAA1814; KMT4; H3-K79-HMTase; 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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SDS-PAGE



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