Recombinant Human DOT1L protein, His-tagged

Cat. No. DOT1L-2979H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOT1L protein(511-698 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	511-698 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MLQELLGQEKEKNAQLLGAAQQLLSHCQAQKEEIRRLFQQKLDELGVKALTYNDLIQ AQKEISAHNQQLREQSEQLEQDNRALRGQSLQLLKARCEELQLDWATLSLEKLLKE KQALKSQISEKQRHCLELQISIVELEKSQRQQELLQLKSCVPPDDALSLHLRGKGALG RELEPDASRLHLELDCTK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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