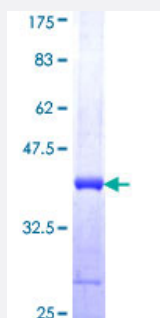


DOT1L (Human) Recombinant Protein (Q01)

Catalog # H00084444-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DOT1L partial ORF (NP_115871, 3 a.a. - 108 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EKLELRKSPVGAEPVYPWPLPVYDKHHDAAEIETIRWVCEEIPDLKLAMENYVLIDYDTKSFE SMQRLCDKYNRAIDSIHQLWKGTTQPMKLNTRPSTGLLR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
Interspecies Antigen Sequence	Mouse (99); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DOT1L

Entrez GeneID [84444](#)

GeneBank Accession# [NM_032482](#)

Protein Accession# [NP_115871](#)

Gene Name DOT1L

Gene Alias DKFZp586P1823, DOT1, KIAA1814, KMT4

Gene Description DOT1-like, histone H3 methyltransferase (S. cerevisiae)

Omim ID [607375](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations DOT1-like, histone H3 methyltransferase|histone methyltransferase DOT1L

Pathway

- [Lysine degradation](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)