Recombinant Human KMT2D Protein, GST-tagged

Cat. No. KMT2D-5389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MLL2 partial ORF (NP_003473.1, 1487 a.a. - 1586 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 the Lys-4 position of histone H3. The encoded protein is part of a large protein complex called ASCOM, which has been shown to be a transcriptional regulator of the beta-globin and estrogen receptor genes. Mutations in this gene have been shown to be a cause of Kabuki syndrome. [provided by RefSeq, Oct 2010]
Molecular Mass	36.74 kDa
AA Sequence	SKLEGMFPAYLQEAFFGKELLDLSRKALFAVGVGRPSFGLGTPKAKGDGGSERKEL PTSQKGDDGPDIADEESRGLEGKADTPGPEDGGVKASPVPSDPE
Applications	Antibody Production Functional Study Compound Screening
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.

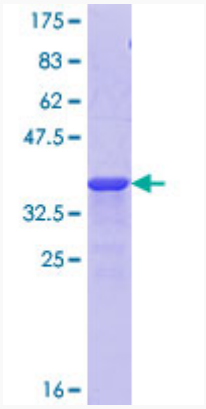
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	KMT2D lysine methyltransferase 2D [Homo sapiens (human)]
Official Symbol	KMT2D
Synonyms	KMT2D; lysine methyltransferase 2D; MLL2; myeloid/lymphoid or mixed-lineage leukemia 2; TNRC21, trinucleotide repeat containing 21; histone-lysine N-methyltransferase MLL2; ALR; CAGL114; KMT2D; MLL4; ALL1-related protein; Kabuki make-up syndrome; lysine N-methyltransferase 2B; lysine N-methyltransferase 2D; Kabuki mental retardation syndrome; trinucleotide repeat containing 21; KMS; AAD10; KMT2B; KABUK1; TNRC21;
Gene ID	8085
mRNA Refseq	NM_003482
Protein Refseq	NP_003473
MIM	602113
UniProt ID	O14686

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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