



TET2 blocking peptide (CDBP6265)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. The encoded protein is involved in myelopoiesis, and defects in this gene have been associated with several myeloproliferative disorders. Two variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TET2 tet methylcytosine dioxygenase 2 [Homo sapiens (human)]
Official Symbol	TET2
Synonyms	TET2; tet methylcytosine dioxygenase 2; MDS; KIAA1546; methylcytosine dioxygenase TET2; tet oncogene family member 2; probable methylcytosine dioxygenase TET2
Entrez Gene ID	54790
mRNA Refseq	NM_001127208

Protein Refseq	NP_001120680
UniProt ID	Q6N021
Pathway	Epigenetic regulation of gene expression; Gene Expression; TET1
Function	DNA binding; ferrous iron binding; methylcytosine dioxygenase activity; methylcytosine dioxygenase activity; methylcytosine dioxygenase activity; protein binding; zinc ion binding