

Recombinant Human SETD6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SETD6-3582H Lot. No. (See product label)

SPECIFICATION

Product Overview	SETD6 MS Standard C13 and N15-labeled recombinant protein (NP_079136) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a methyltransferase that adds a methyl group to the histone H2AZ, which is involved in nuclear receptor-dependent transcription. The protein also interacts with several endogenous proteins which are involved in nuclear hormone receptor signaling. A related pseudogene is located on chromosome 2. Alternative splicing results in multiple transcript variants.
Molecular Mass	50.6 kDa
AA Sequence	MATQAKRPRVAGPVDGGDLDPVACFLSWCRRVGLLESPKVAVSRQGTVAGYGMV ARESVQAGELLFVVPRAALLSQHTCSIGGLLERERVALQSQSGWVPLLLALLHELQA PASRWRPYFALWPELGRLEHPMFWPEEERRCLLQGTGVPEAVEKDLANIRSEYQSI VLPFMEAHPDLFSLRVRSLLEYHQLVALVMAYSFQEPLLEEEDEKEPNPVMVPAA DILNHLANHNANLEYSANCLRMVATQPIPKGHEIFNTYGQMANWQLIHMFGFVEPYP DNTDDTADIQMVTVREAALQGTKTEAERHLVYERWDFLCKLEMVGEEGAFVIGREE VLTEEEELTTTLKVLCPAEFRELKDQDGGGDDKREEGSLTITNIPKLKASWRQLLQ NSVLLTLQTYATDLKTDQGLLSNKEVYAKLSWREQQALQVRYGQKMILHQLLELTST

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RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

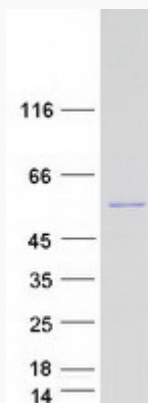
GENE INFORMATION

Gene Name	SETD6 SET domain containing 6 [Homo sapiens (human)]
Official Symbol	SETD6
Synonyms	SETD6; SET domain containing 6; N-lysine methyltransferase SETD6; FLJ21148; SET domain-containing protein 6;
Gene ID	79918
mRNA Refseq	NM_024860
Protein Refseq	NP_079136
MIM	616424
UniProt ID	Q8TBK2

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SDS-PAGE

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