

Recombinant Full Length Human SETD3 Protein, C-Flag-tagged

Cat. No. SETD3-1861HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SETD3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables protein-L-histidine N-tele-methyltransferase activity. Involved in actin modification and peptidyl-histidine methylation. Located in cytoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.1 kDa
AA Sequence	MGKKSrvKTQKSGTGATATVSPKEILNLTSELLQKCSSPAPGPGKEWEEYVQIRTLV EKIRKKQKGLSVT FDGKREDYFPDLMKWASENGASVEGFEMVNFKEEGFGLRATR DIKAEELFLWVPRKLLMTVESAKNSVLG PLYSQDRILQAMGNIALAFHLLCERASPN SFWQPYIQTLTPSEYDTPLYFEEDEVRYLQSTQAIHDVFSQY KNTARQYAYFYKVIQT HPHANKLPLKDSFTYEDYRWAVSSVMTRQNQIPTEDGSRVTLALIPLWDMCNHT N GLITTGYNLEDDRCECVALQDFRAGEQIYIFYGTRSNAEFVIHSGFFFFDNNSHDRVKI KLGVSksDRly AMKAEVLARAGIPTSSVFALHFTEPPISAQLLAFLRVFCMTEEEELKE HLLGDSaIDRIFTLGNSEFPVSW DNEVKLWTFLEDRASLLKTYKTtIEEDKSVLKNH DLSVRaKMAIKLRLGEKEILEKAVKSAAVNREYYR QQMEEKAPLPKYEESNLGLLES SVGDSRLPLVLRNLEEEAGVQDALNIREAISKAKATENGLVNGENSIP NGTRSENEs

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LNQESKRAVEDAKGSSSDSTAGVKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	SETD3 SET domain containing 3, actin histidine methyltransferase [Homo sapiens (human)]
Official Symbol	SETD3
Synonyms	hSETD3; C14orf154
Gene ID	84193
mRNA Refseq	NM_032233.3
Protein Refseq	NP_115609.2

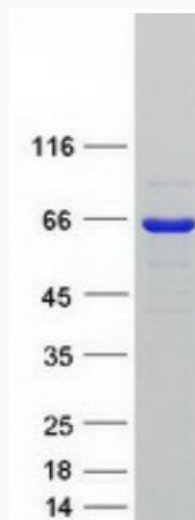
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MIM 615671

UniProt ID Q86TU7



Coomassie blue staining of purified SETD3 protein.

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