

Recombinant Human SMYD3 protein, His&Myc-tagged

Cat. No. SMYD3-578H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMYD3 protein(Q9H7B4)(1-428aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-428aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.5 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MEPLKVEKFATAKRGNGLRAVTPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGK
 EKLMRCSQCRVAKYCSAKCQKKAWPDHKRECKCLKSCKPRYPPDSVRLGRRVFK
 LMDGAPSESEKLYSFYDLESNINKLTEDKKEGLRQLVMTFQHFMRREEIQDASQLPPA
 FDLFEAFKVICNSFTICNAEMQEVGVGLYPSISLLNHSCDPNCSIVFNPHLLLRAV
 RDIEVGEELTICYLDMLMTSEERRKQLRDQYCFECDCFRQCQTQDKDADMLTGDEQV
 WKEVQESLKKIEELKAHWKWEQVLAMCQAISSNSERLPDINIYQLKVLDLCAMDACIN
 LGLLEEALFYGTRTMEPYRIFPPGSHPVVRGVQVMKVGKQLQHQMFPQAMKNLRLA
 FDIRVTHGREHSLIEDLILLLEECDANIRAS

GENE INFORMATION

Gene Name [SMYD3 SET and MYND domain containing 3 \[Homo sapiens \]](#)

Official Symbol [SMYD3](#)

Synonyms SMYD3; SET and MYND domain containing 3; zinc finger, MYND domain containing 1, ZMYND1, ZNFN3A1; SET and MYND domain-containing protein 3; KMT3E; bA74P14.1 (novel protein); zinc finger, MYND domain containing 1; zinc finger MYND domain-containing protein 1; zinc finger protein, subfamily 3A (MYND domain containing), 1; ZMYND1; ZNFN3A1; bA74P14.1; FLJ21080; MGC104324;

Gene ID [64754](#)

mRNA Refseq [NM_001167740](#)

Protein Refseq [NP_001161212](#)

MIM [608783](#)

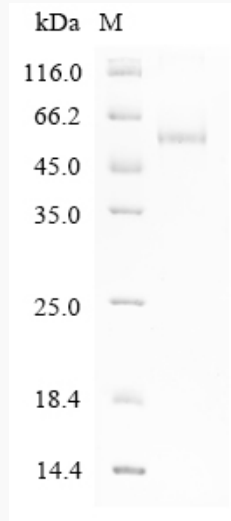
UniProt ID [Q9H7B4](#)

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SDS-PAGE



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