Recombinant Human SMYD4 protein, His-tagged

Cat. No. SMYD4-6743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMYD4 protein(201-578 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	201-578 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	KDSLTESFPAALAKTLEDAALREENEQLSNASSSIGLCVDPLKGRCLVATKDILPGEL LVQEDAFVSVLNPGELPPPHHGLDSKWDTRVTNGDLYCHRCLKHTLATVPCDGCS YAKYCSQECLQQVWELYHRTECPLGGLLLTLGVFCHIALRLTLLVGFEDVRKIITKLC DKISNKDICLPESNNQVKTLNYGLGESEKNGNIVETPIPGCDINGKYENNYNAVFNLL PHTENHSPEHKFLCALCVSALCRQLEAASLQAIPTERIVNSSQLKAAVTPELCPDVTI WGVAMLRHMLQLQCNAQAMTTIQHTGPKGSIVTDSRQVRLATGIFPVISLLNHSCSP NTSVSFISTVATIRASQRIRKGQEILHCYGPHKS
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

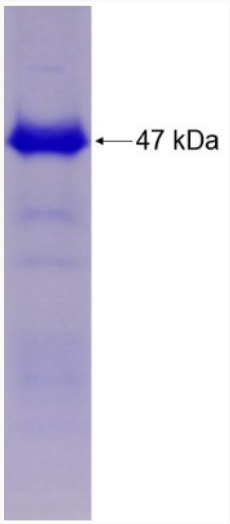
	reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SMYD4 SET and MYND domain containing 4 [Homo sapiens]
Official Symbol	SMYD4
Synonyms	SMYD4; SET and MYND domain containing 4; SET and MYND domain-containing protein 4; KIAA1936; ZMYND21;
Gene ID	114826
mRNA Refseq	NM_052928
Protein Refseq	NP_443160
UniProt ID	Q8IYR2

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SDS-PAGE



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