

Recombinant Human SMYD3 protein, GST-tagged

Cat. No. SMYD3-920H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMYD3 protein(NP_073580.1) (Lys 35-Ser 369) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	35-369 aa
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 0.5mM DTT, 0.5mM GSH, pH 8.0.
Molecular Mass	The recombinant human SMYD3/GST chimera consists of 559 amino acids and predicts a molecular mass of 656 kDa. It migrates as an approxiamtely 58 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

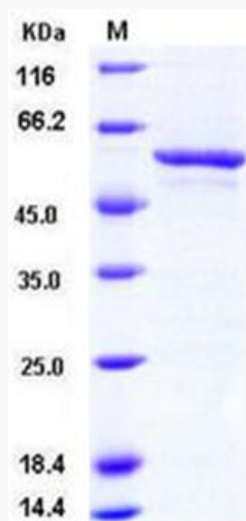
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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001161212.1
Unit ID	Q9H7B4
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q9H7B4
GENE INFORMATION	
Gene Name	SMYD3 SET and MYND domain containing 3 [Homo sapiens]
Official Symbol	SMYD3
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

SDS-PAGE



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