

Recombinant Human SETD2 Protein, His-tagged

Cat. No. SETD2-023H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETD2 protein (1435-1711) with a N-terminal His-tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1435-1711
Description	Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein belonging to a class of huntingtin interacting proteins characterized by WW motifs. This protein is a histone methyltransferase that is specific for lysine-36 of histone H3, and methylation of this residue is associated with active chromatin. This protein also contains a novel transcriptional activation domain and has been found associated with hyperphosphorylated RNA polymerase II.
Molecular Mass	33.7 kDa
Purity	≥95% estimated by SDS-PAGE
Stability	≥ 9 months
Storage	-80 centigrade

 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

Storage Buffer 50 mM Tris-HCl, pH 8.0, containing 150 mM sodium chloride and 20% glycerol

GENE INFORMATION

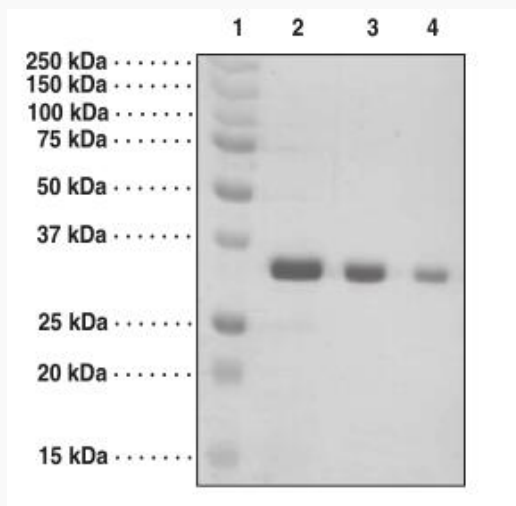
Gene Name	SETD2 SET domain containing 2, histone lysine methyltransferase [Homo sapiens (human)]
Official Symbol	SETD2
Synonyms	SETD2; SET domain containing 2, histone lysine methyltransferase; LLS; HYPB; SET2; HIF-1; HIP-1; KMT3A; HBP231; HSPC069; p231HBP; histone-lysine N-methyltransferase SETD2; SET domain containing 2; huntingtin interacting protein 1; huntingtin yeast partner B; huntingtin-interacting protein B; lysine N-methyltransferase 3A; protein-lysine N-methyltransferase SETD2; EC 2.1.1.359
Gene ID	29072
mRNA Refseq	NM_014159
Protein Refseq	NP_054878
MIM	612778
UniProt ID	Q9BYW2

 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

SDS-PAGE Analysis of SETD2.



Lane 1: MW Markers

Lane 2: SETD2 (5 µg)

Lane 3: SETD2 (2.5 µg)

Lane 4: SETD2 (1 µg)