

SETD6 recombinant protein

SETD6, Active

CATALOG # AAA73138	HOST Sf9 insect cells using baculovirus	APPLICATIONS Methyltransferase Assay
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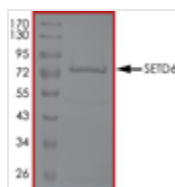
PRODUCT SYNONYMS

SETD6; Active; SETD6 recombinant protein

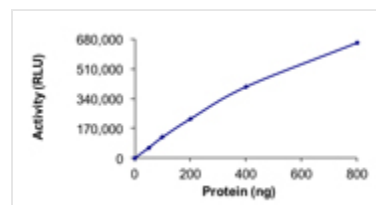
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full length
Sequence Length	2996
Applicable Applications for SETD6 recombinant protein	Methyltransferase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for SETD6 recombinant protein	Description: Recombinant full-length human SETD6 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: SET domain-containing protein 6 (SETD6) is a mono-methyltransferase that has been shown to methylate RelA of NF-kappa-B complex and thus attenuate NF-kappa-B transcription factor activity. In addition, it monomethylates the histone H2A variant H2AZ which is required for the maintenance of embryonic stem cell self-renewal.
Product Categories/Family for SETD6 recombinant protein	Enzymes; Active Methyltransferases

References	1. Levy D, et al: Lysine methylation of the NF-kappaB subunit RelA by SETD6 couples activity of the histone methyltransferase GLP at chromatin to tonic repression of NF-kappaB signaling. Nat Immunol. 2011 12 (1):29-36. 2. Binda O, et al: SETD6 monomethylates H2AZ on lysine 7 and is required for the maintenance of embryonic stem cell self-renewal. Epigenetics. 2013 8 (2):177-83.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	971460852
NCBI GeneID	79918
NCBI Accession #	NM_001160305.2
NCBI GenBank Nucleotide #	NM_001160305
Molecular Weight	75 kDa
NCBI Official Full Name	Homo sapiens SET domain containing 6 (SETD6), transcript variant 1, mRNA
NCBI Official Synonym Full Names	SET domain containing 6
NCBI Official Symbol	SETD6
NCBI Protein Information	N-lysine methyltransferase SETD6
UniProt Protein Name	N-lysine methyltransferase SETD6
UniProt Gene Name	SETD6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/setd6-recombinant-protein-sf9-insect-cells-using-baculovirus-methyltransferase-assay/73138>