

Datasheet for ABIN7560694  
**SETD6 Protein (AA 1-473) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SETD6
Protein Characteristics:	AA 1-473
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SETD6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Setd6 Protein expressed in mammalian cells.
Sequence:	MAAPAKRARV SGGSPLVAPC PSPRAARAPL PLPAGSSGGE PEGDAVAGFL RWCRRVGLEL SPKVTVSRQG TVAGYGMVAR ESVRAGELLF AVPRSALLSP HTCSISGLLE RERGALQSLS GWVPLLLALL HELQAPASPW SPYFALWPEL GRLEHPMFWP EEERLRLKKG TGVPEAVEKD LVNIRSEYYS IVLPFMEAHS DLFSPSVRSL ELYQQLVALV MAYSFQEPL EDDDEKEPNS PLMVPAADIL NHIANHNANL EYSADYLRMV ATQPILEGHE IFNTYGQMAN WQLIHMYGFA EPYPNNTDDT ADIQMVTVRD AALQGTKDET EKLLVCERWD FLCKQEMVGE EGAFVIGCEE VLTEELATT LKVLCPAAEE FRDYKERAGW GEEETEDDSL AITDIPKLQE SWKRLLRNSV LLTLQTYTTD LKTDQDLLSN KEAYATLSWR EQQALQVRYG QKMILHRVLE LTN <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

SETD6

### Alternative Name:

Setd6 ([SETD6 Products](#))

### Background:

N-lysine methyltransferase SETD6 (EC 2.1.1.-) (SET domain-containing protein 6),FUNCTION: Protein-lysine N-methyltransferase. Monomethylates 'Lys-310' of the RELA subunit of NF-kappa-B complex, leading to down-regulation of NF-kappa-B transcription factor activity. Monomethylates 'Lys-8' of H2AZ (H2AZK8me1) (By similarity). Required for the maintenance of embryonic stem cell self-renewal (PubMed:23324626). Methylates PAK4. {ECO:0000250|UniProtKB:Q8TBK2, ECO:0000269|PubMed:23324626}.

### Molecular Weight:

53.0 kDa

### UniProt:

[Q9CWY3](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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