

Product datasheet for TP521503

Setd6 (NM_001035123) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SET domain containing 6 (Setd6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221503 representing NM_001035123 Red =Cloning site Green =Tags(s)

MAAPAKRARVSGGSPLVAPCSPRAARAPLPLPAGSSSGEPEGDAVAGFLRWCRRVGLLELSPKVTVSRQG
TVAGYGMVARESVRAGELLFAVPRSALLSPHTCSISGLLERERAGALQSLSGWVPLLLALLHELQAPASPW
SPYFALWPELGRLEHPMFWPPEERLRLKGTGVPEAVEKDLVNIRSEYYSIVLPFMEAHSDFSPSVRSL
ELYQQLVALVMAYSFQEPELEDDDEKEPNSPLMMPAADILNHIANHNANLEYSADYLRMVATQPILEGHE
IFNTYGMANWQLIHMYGFAEPYNNDDTADIQMVTVRDAALQGKDETEKLLVCERWDFLCKQEMV
GE
EGAFVIGCEEVLTEELATTLKVLCPAEFRDYKERAGWGEEETEDSLAITDIPKLQESWKRLLRNSV
LLTLQTYTTDLKTDQDLLSNKEAYATLSWREQQALQVRYGQKMILHRVLELTN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001030295</u>



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Locus ID:	66083
UniProt ID:	Q9CWY3
RefSeq Size:	1669
Cytogenetics:	8 D1
RefSeq ORF:	1419
Synonyms:	0610039J04Rik; 3110004G14Rik; AI413388; C76402
Summary:	Protein-lysine N-methyltransferase. Monomethylates 'Lys-310' of the RELA subunit of NF-kappa-B complex, leading to down-regulate 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).[UniProtKB/Swiss-Prot Function]