

## Product datasheet for TP516879

### Def6 (NM\_027185) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse differentially expressed in FDCP 6 (Def6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216879 protein sequence Red=Cloning site Green=Tags(s)  MALRKELLKSIWYAFTALDVEKSGKVSQSKVLSHNLVTLNIPHDPVALEEHRDDDDGPVSSQGYMP YLNKYILDKVEEGAFVKEHFDELWCWTLTAKKNYRADGIGSSPLSNQDAFRLWCLFNFLSEDKYPLIMVPD EVEYLLKLLGSLSEMGLGKLELLAQDAQSAQTAVGLSVWQFLELFNSGRCLRGVGRDLSMAIQEVY QELIQDVLKQGYLWKRGHLLRRNWAERWFQLQPSSLCYFGSEECKEKRTIPLDAHCCVEVLPDREGKRCM FCVKTASRTYEMSASDTRQRQEWTAAIQTAIRLQAEGKTSLHKDLKQKRREQREQRERRRAAKEEELLRL QQLQEEKERKLQELLELLQEAQRQAERLLQEEEEERRRSQHKELQQALEGQLREAEQARASMQAEMELKKEE AARQRORIAELEEMQERLQEQALQLEVKARRDEEAVRLAQTRLLEEEEEKLKQLMHLKEEQERYIERAQQE KQELQQEMALQSRSLQHAQQQLEEVQRNQRRADEDVEAAQRKLRQASTNVKHWNVQMNRLMHPIEPGDKR PTTSSSFTGFQPPPLARRDSSLKRLTRWGSQGNRTLSVNSSEKSLNNGGDETPILALASQEEKLDPAPGN  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	73.5 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.



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RefSeq:	<a href="#">NP_081461</a>
Locus ID:	23853
UniProt ID:	<a href="#">Q8C2K1</a> , <a href="#">A0A0R4IZX1</a>
RefSeq Size:	2294
Cytogenetics:	17 A3.3
RefSeq ORF:	1893
Synonyms:	2410003F05Rik; 6430538D02Rik; AV094905; lbp; Slat; Slat2; Slat6
Summary:	Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which plays a role in the activation of Rho GTPases RAC1, RhoA and CDC42. Can regulate cell morphology in cooperation with activated RAC1. Plays a role in Th2 (T helper cells) development and/or activation, perhaps by interfering with ZAP70 signaling. Required for optimal T-cell effector function, lymphocyte homeostasis and the prevention of systemic autoimmunity (By similarity). [UniProtKB/Swiss-Prot Function]