

Product datasheet for TP501395

Desi1 (NM_134095) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse desumoylating isopeptidase 1 (Desi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201395 protein sequence Red =Cloning site Green =Tags(s)
	MEPPNLYPVKLYVYDLSKGLARRLSPIMLGKQLEGIWHTSIVVHKDEFFFGSSGSISSCTPGGTLLGPPDS VVDVGNTTEVTEEIFLEYLSSLGESLFRGEAYNLFHNCNTFSNEVAQFLTGRKIPSYITDLPSEVLSTPF GQALRPFLDSIQPPGGNSVGRPNGQS
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.4 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:	NP_598856
Locus ID:	28075
UniProt ID:	Q9CQT7
RefSeq Size:	2945
Cytogenetics:	15 38.34 cM



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RefSeq ORF: 504

Synonyms: AI427858; AI850401; D15Wsu75e; DeSI-1; Fam152b; Pppde2

Summary: Protease which deconjugates SUMO1, SUMO2 and SUMO3 from some substrate proteins (PubMed:22370726, PubMed:22498933). Has isopeptidase but not SUMO-processing activity (PubMed:22370726, PubMed:22498933). Desumoylates ZBTB46 (PubMed:22370726). Collaborates with UBQLN4 in the export of ubiquitinated proteins from the nucleus to the cytoplasm (By similarity).[UniProtKB/Swiss-Prot Function]