USP21 (Ubiquitin Specific Protease 21)

Cat. # DB509

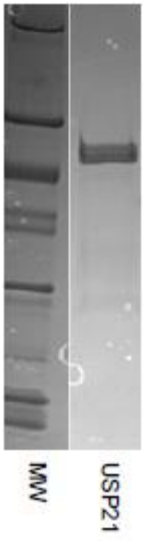
Background: Regulates transcription initiation via deubiquitinylation of histone H2A. Exhibits both deubiquitinylase and deNEDDylase activities[1]

Alternate names: Deubiquitinating enzyme 21, MGC3394, NEDD8-specific protease, Ubiquitin carboxyl-terminal hydrolase 21, Ubiquitin-specific-processing protease 21, Ubiquitin thioesterase 21, USP16, USP23

Product Information

Accession No.	Q9UK80
Molecular Weight:	74.7 kDa (with tag)
Quantity:	25 μg
Physical State:	Liquid, 25 mM Tris-HCl, pH 7.4, 150 mM NaCl, 5 mM DTT, 10% glycerol
Source:	Human Recombinant
Tag:	His_6-SUMO
Suggested Substrate:	UB-CHOP Reporter, Ubiquitin-Rhodamine
Storage:	-80°C. Avoid repeated freeze/thaw cycles

SDS-PAGE analysis of USP21



References

1. Gong, L., Kamitani, T., Millas, S., and Yeh, E.T., Identification of a novel isopeptidase with dual specificity for ubiquitin- and NEDD8-conjugated proteins. *J Biol Chem*. **275**(19):14212-6. (2000).

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