Recombinant Rat Usp2 protein

Cat. No. Usp2-694R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Usp2 was expressed in E. coli.
Species	Rat
Source	E.coli
Form	Liquid. In 10mM MES, 0.5mM DTT, 50mM TRIS-HCl, pH 7.5, containing 20% glycerol.
Molecular Mass	~40kDa
Purity	≥95% (SDS-PAGE, following ion exchange chromatography)
Applications	Deubiquitinylation assays using small molecule substrates (e.g. Ub-AMC) or ubiquitin-protein conjugates.Studies of the interaction of USP2 with FAS1 and their role in prostate cancer.Development of inhibitors for USP2 deubiquitinylating activity.
Storage	Long Term Storage at -80 centigrade

GENE INFORMATION

Gene Name	Usp2 ubiquitin specific peptidase 2 [Rattus norvegicus]
Official Symbol	Usp2

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Synonyms	USP2; ubiquitin specific peptidase 2; ubiquitin carboxyl-terminal hydrolase 2; ubiquitin thioesterase 2; deubiquitinating enzyme 2; ubiquitin thiolesterase 2; ubiquitin specific protease 2; 41 kDa ubiquitin-specific protease; ubiquitin-specific-processing protease 2; ubiquitin-specific-processing protease testis; UBP-t; MGC93284;
Gene ID	115771
mRNA Refseq	NM_053774
Protein Refseq	NP_446226
MIM	
UniProt ID	Q5U349
Chromosome Location	8q22
Pathway	TNF-alpha NF-kB Signaling Pathway, organism-specific biosystem;
Function	cyclin binding; cyclin binding; cysteine-type peptidase activity; identical protein binding; identical protein binding; metal ion binding; peptidase activity; ubiquitin protein ligase binding; ubiquitin protein ligase binding; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity;

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