

Isopeptidase T (long form), human recombinant

ALTERNATE NAMES:	USP5; Ubiquitin-specific protease 5	
CATALOG #:	4862-25	25 µg
LOT #:	_____	
SOURCE:	E. coli	
PURITY:	>95% by SDS-PAGE	
M.W.:	97 kDa	
PHYSICAL APPEARANCE:	Liquid	
FORMULATION:	Supplied at a concentration of 0.4 mg/ml in 50 mM Tris, 10 mM β-mercaptoethanol, pH 7.5.	

STORAGE CONDITIONS:

At -80 °C. Avoid multiple freeze-thaw cycles. After initial defrost, aliquot into individual vials and freeze at -80 °C.

DESCRIPTION:

Isopeptidase T is a ubiquitin-specific processing protease (UBP) that specifically disassembles free K48-linked polyubiquitin chains into ubiquitin monomers. There are two human isopeptidase T isoforms; Isopeptidase T short form (isoT-S) and Isopeptidase T long form (isoT-L) which differs by an insertion of 23 amino acids in isoT-L. Isopeptidase T is the only UBP known to require zinc binding to be active.

RELATED PRODUCTS:

- Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
- Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)
- Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
- E6AP Antibody (Cat. No. 3744-100)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- Isopeptidase T (shor form), human recombinant (Cat. No. 4861-25)
- Lactacystin (Cat. No. 1709-200)
- MG-115 (Cat. No. 1831-1, 5)
- MG-132 (Cat. No. 1703-5, 25)
- PS-341 (Cat. No. 1846-1,5)
- EZSolution™ MG-132 (Cat. No. 1791-5)
- NEDD8-AMC (Cat. No. 4843-25)
- Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)
- Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)
- Ubch1, human recombinant (GST-tag) (Cat. No. 4846-100)
- Ubch2, human recombinant (His-tag) (Cat. No. 4848-100)
- Ubch3, human recombinant (His-tag) (Cat. No. 4849-100)
- Ubch5a, human recombinant (His-tag) (Cat. No. 4851-100)
- Ubch5b, human recombinant (His-tag) (Cat. No. 4852-100)
- Ubch5c, human recombinant (His-tag) (Cat. No. 4854-100)
- Ubiquitin Aldehyde (Cat. No. 4845-50)
- Ubiquitin, human recombinant (Cat. No. 4841-100,1000)
- Ubiquitin AMC (Cat. No. 4842-25)
- UCH-L1, human recombinant (GST-tag) (Cat. No. 4855-50)
- USP7 Antibody (Cat. No. 3737-100)
- USP-14 Inhibitor IU1 (Cat. No. 1845-5, 25)

FOR RESEARCH USE ONLY! Not to be used on humans.