

Isopeptidase T (short form), human recombinant

ALTERNATE NAMES: USP5; Ubiquitin-specific protease 5

CATALOG #: 4861-25 25 µg

LOT #: _____

SOURCE: E. coli

PURITY: >95% by SDS-PAGE

M.W.: 93.4 kDa

PHYSICAL APPEARANCE: Liquid

FORMULATION: Supplied at a concentration of 2.0 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:

Ubiquitin C-terminal hydrolases (UCHs) are a family of cysteine hydrolases that catalyze the UBPs hydrolyze isopeptide bonds between ubiquitin and the substrate protein or within polyubiquitin chains. Human isopeptidase T (isoT) is an UBP capable of binding ubiquitin that specifically disassembles free polyubiquitin chains linked through isopeptide bonds involving the K48 of ubiquitin into ubiquitin monomers.

USAGE: For Research Use Only! Not to be used in humans.

RELATED PRODUCTS:

For research use only

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 (long form), human recombinant (**Cat. No. 4862-25**)
 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**)