

Isopeptidase T (short form), human recombinant protein
USP5; Ubiquitin-specific protease 5
Catalog # PBV10450r**Specification**

Isopeptidase T (short form), human recombinant protein - Product info

Primary Accession	P45974
Concentration	2
Calculated MW	93.4 kDa KDa

Isopeptidase T (short form), human recombinant protein - Additional Info

Gene ID	8078
Gene Symbol	UBP5
Other Names	
USP5; Ubiquitin-specific protease 5	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; Supplied at a concentration of 2.0 mg/ml in 50 mM Tris, 10 mM β-mercaptoethanol, pH 7.5.

Isopeptidase T (short form), human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Isopeptidase T (short form), human recombinant protein - Images**Isopeptidase T (short form), human recombinant protein - Background**

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.

Isopeptidase T (short form), human recombinant protein - References

Falquet L.,et al.FEBS Lett. 376:233-237(1995).

Ansari-Lari M.A.,et al.Genome Res. 6:314-326(1996).

Ansari-Lari M.A.,et al.Genome Res. 7:268-280(1997).

Tashayev V.L.,et al.Submitted (NOV-1995) to the EMBL/GenBank/DDBJ databases.

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.