

Isopeptidase T (long form), human recombinant protein
USP5; Ubiquitin-specific protease 5
Catalog # PBV10451r**Specification**

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

Primary Accession	P45974
Concentration	0.4
Calculated MW	97.0 kDa KDa

Isopeptidase T (long 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 0.4 mg/ml in 50 mM Tris, 10 Mm β-mercaptoethanol, pH 7.5.

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

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 differ by an

insertion of 23 amino acids in isoT-L. Isopeptidase T is the only UBP known to require zinc binding to be active.

Isopeptidase T (long 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.