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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 Mmn 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 Cytomety
- 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.