

Human recombinant protein UBE2D3
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Catalog # PBV10662r**Specification**

Human recombinant protein UBE2D3 - Product info

Primary Accession [P61077](#)
Calculated MW **28.707 kDa with a His6SUMO Tag KDa**

Human recombinant protein UBE2D3 - Additional Info

Gene ID **7323**
Gene Symbol **UBE2D3**
Other Names
Ubiquitin-conjugating enzyme E2 D3, Ubiquitin-protein ligase D3, Ubiquitin carrier protein D3, Ubiquitin-conjugating enzyme E2-17 kDa 3, UBC4/5, UBCH5C, MGC5416, MGC43926, UBE2D3.

Gene Source **Human**
Assay&Purity **RP-HPLC; ≥95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Format
Liquid

Storage

-80°C; 75 µL of a 40 µM solution (3 nmoles) in 25 mM Tris, pH 7.5, 150 mM NaCl, 10 mM DTT and 10% glycerol.

Human recombinant protein UBE2D3 - 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](#)

Human recombinant protein UBE2D3 - Images**Human recombinant protein UBE2D3 - Background**

UBE2D3 (Ubch5b) is an E2 (ubiquitin conjugating enzyme) that is involved in the conjugation of ubiquitin to target substrates along with E1 and E3 enzymes. The Ubch5 family (including Ubch5a and Ubch5c, having 88% and 89% sequence identity with Ubch5b respectively) are the human homologues of the Saccharomyces cerevisiae UBC4/5 family (~79% sequence identity). Members of

the UbcH5 family have been implicated in a number of inflammatory and cancer pathways including the ubiquitylation of p53 and I κ B α with the help of different E3 ligases (Hdm2 and SCF complexes respectively).

Human recombinant protein UBE2D3 - References

Jensen J.P.,et al.J. Biol. Chem. 270:30408-30414(1995).
Chang H.-M.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).