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Human recombinant protein UBE2H (UbcH2)

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Catalog # PBV10672r

Specification

Human recombinant protein UBE2H (UbcH2) - Product info

Primary Accession	P62256
Calculated MW	**21.649 kDa. (His Tagged) KDa**

Human recombinant protein UBE2H (UbcH2) - Additional Info

Gene ID	**7328**
Gene Symbol	**UBE2H**

Other Names
Ubiquitin-conjugating enzyme E2 H, UbcH2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBE2H, GID3, UBC8, UBCH.

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 20 mM Tris, pH 7.4, 150 mM NaCl, 10 mM DTT and 10% glycerol.

Human recombinant protein UBE2H (UbcH2) - 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

Human recombinant protein UBE2H (UbcH2) - Images

Human recombinant protein UBE2H (UbcH2) - Background

Ubiquitin-conjugating enzyme E2 H (UBE2H) is a member of the ubiquitin-conjugating enzyme family. Protein modification with ubiquitin is a vital cellular apparatus for directing abnormal or short-lived proteins for degradation. Ubiquitination requires at least 3 classes of enzymes: ubiquitin-activating enzymes (E1s) ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein

ligases (E3s). UBE2H receives ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. UBE2H protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and Zebrafish homologs.

Human recombinant protein UBE2H (UbcH2) - References

Kaiser P.,et al.J. Biol. Chem. 269:8797-8802(1994).
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Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).
Scherer S.W.,et al.Science 300:767-772(2003).