

## Product datasheet

# Recombinant Human UBE2V1 protein (Chemical Free) ab81565

### 製品の詳細

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製品名	Recombinant Human UBE2V1 protein (Chemical Free)
精製度	> 95 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<b>Q13404</b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
タグ	His tag N-Terminus

### 特性

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Our **Abpromise guarantee** covers the use of **ab81565** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
	Conjugation

製品の状態	Lyophilized
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**備考** Ubiquitin-conjugating Enzyme E2 Variant 1 (UBE2V1), is a member of the Ubiquitin-conjugating (E2) enzyme family.

The E2 catalytic core domain of UBE2V1 lacks an active site cysteine residue, rendering it catalytically inactive on its own. However, in the cytoplasm UBE2V1 is able to form a catalytically active complex with UBE2N (Ubc13), which mediates the synthesis of K63-linked Ubiquitin chains and is required for NF- $\kappa$ B activation.

### 前処理および保存

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保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.20 Constituents: PBS, 0.0154% DTT, 10% Glycerol
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## 関連情報

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機能	Has no ubiquitin ligase activity on its own. The UBE2V1-UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through Lys-63. This type of poly-ubiquitination activates IKK and does not seem to involve protein degradation by the proteasome. Plays a role in the activation of NF-kappa-B mediated by IL1B, TNF, TRAF6 and TRAF2. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.
組織特異性	Highly expressed in thyroid, pancreas, spinal cord, lymph node, trachea, adrenal gland, bone marrow and pancreas. Detected at low levels in heart, breast, placenta, brain, liver, kidney, stomach and lung.
配列類似性	Belongs to the ubiquitin-conjugating enzyme family.
細胞内局在	Nucleus. Excluded from the nucleolus.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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