

Datasheet for ABIN5711601

**UBE2W Protein (AA 1-151, full length) (His-SUMO Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	UBE2W
Protein Characteristics:	full length, AA 1-151
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2W protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MASMQKRLQK ELLALQNDPP PGMTLNEKSV QNSITQWIVD MEGAPGTLYE GEKFQLLFKF SSRYPFDSPQ VMFTGENIPV HPHVYSNGHI CLSILTEDWS PALSVQSVCL SIISMLSSCK EKRRPPDNSF YVRTCNKNPK KTKWWYHDDT C
Purification:	SDS-PAGE
Purity:	> 90 %

## Target Details

Target:	UBE2W
Alternative Name:	UBE2W ( <a href="#">UBE2W Products</a> )
Background:	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes monoubiquitination. Involved in degradation of misfolded chaperone substrates by

## Target Details

mediating monoubiquitination of STUB1/CHIP, leading to recruitment of ATXN3 to monoubiquitinated STUB1/CHIP, and restriction of the length of ubiquitin chain attached to STUB1/CHIP substrates by ATXN3. After UV irradiation, but not after mitomycin-C (MMC) treatment, acts as a specific E2 ubiquitin-conjugating enzyme for the Fanconi anemia complex by associating with E3 ubiquitin-protein ligase FANCL and catalyzing monoubiquitination of FANCD2, a key step in the DNA damage pathway. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Transfers ubiquitin in complex with RING/U-box type E3s that do not have active site cysteine residues to form thioester bonds with ubiquitin, and preferentially ubiquitinates the N-terminus of substrates, such as ATXN3, STUB1 and SUMO2.

Molecular Weight: 33.3 kDa

UniProt: [Q96B02](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

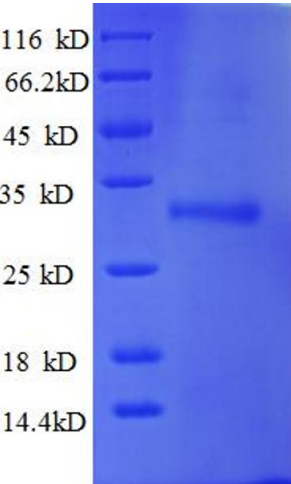
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



**SDS-PAGE**

**Image 1.**