

[Go to Product page](#)

Datasheet for ABIN7319153 UBE2S Protein (GST tag)

Overview

Quantity:	50 µg
Target:	UBE2S
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2S protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human UBE2S Protein (GST Tag)
Sequence:	Met 1-Leu222
Characteristics:	Recombinant Human Ubiquitin-Conjugating Enzyme E2 S is produced by our E.coli expression system and the target gene encoding Met1-Leu222 is expressed with a GST tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UBE2S
Alternative Name:	UBE2S (UBE2S Products)
Background:	Background: Ubiquitin-Conjugating Enzyme E2 S (UBE2S) is a member of the Ubiquitin-Conjugating Enzyme family. UBE2S interacts with CDC20, FZR1/CDH1 and VHL. UBE2S can

Target Details

form a thiol ester linkage with Ubiquitin in an Ubiquitin Activating Enzyme-Dependent manner, a characteristic property of Ubiquitin Carrier Proteins. UBE2S acts as an essential factor of the Anaphase Promoting Complex/Cyclosome, a cell cycle-regulated Ubiquitin ligase that controls progression through mitosis. UBE2S is also involved in ubiquitination and subsequent degradation of VHL, resulting in an accumulation of HIF1A.

Synonym: Ubiquitin-Conjugating Enzyme E2 S, E2-EPF, Ubiquitin Carrier Protein S, Ubiquitin-Conjugating Enzyme E2-24 kDa, Ubiquitin-Conjugating Enzyme E2-EPF5, Ubiquitin-Protein Ligase S, UBE2S, E2EPF

Molecular Weight:	50.1 kDa
-------------------	----------

UniProt:	Q16763
----------	------------------------

Pathways:	Ubiquitin Proteasome Pathway
-----------	--

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Frozen, Liquid
---------	----------------

Buffer:	Supplied as a 0.2 µm filtered solution of 50 mM HEPES, 150 mM NaCl, 2 mM DTT, 10 % Glycerol, pH 7.5.
---------	--

Storage:	-20 °C
----------	--------

Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
------------------	--