

## 32-7267: Recombinant Human Ubiquitin-Conjugating Enzyme E2 S/UBE2S (N-GST)(Discontinued)

**Gene :** UBE2S  
**Gene ID :** 27338  
**Uniprot ID :** Q16763

### Description

Source: E.coli.  
MW :50.13kD.

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. 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 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA DKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR GSMNSNVENLPPHIIRLVYKEVTTLTADPPDGIKVFPNEEDLTDLQVTIEGPEGTPYAGGLFRMKLLLGKDFPASP PKGYFLTKIFHPNVGANGEICVNLKRDWTAELGIRHVLLTIKLLIHPNPESALNEEAGRLLLENYEEYAARALL TEIHGGAGGPGSGRAEAGRALASGTEASSTDPGAPGGPGGAEGPMAKKHAGERDKKLAAKKTKKRALRRL

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.