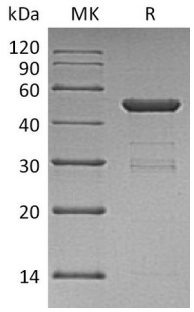
Product Name: Recombinant Human UBE2H (N-GST)
Catalog #: PEH1765

Summary

Name	UBE2H/Ubiquitin-conjugating enzyme E2 H/UbcH2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Ubiquitin-Conjugating Enzyme E2 H is produced by our E.coli expression system and the target gene encoding Met1-Leu183 is expressed with a GST tag at the N-terminus.
Accession #	P62256
Host	E.coli
Species	Human
Predicted Molecular Mass	47 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Ubiquitin-Conjugating Enzyme E2 H; UbcH2; Ubiquitin Carrier Protein H; Ubiquitin-Conjugating Enzyme E2-20K; Ubiquitin-Protein Ligase H; UBE2H
Background	Ubiquitin-Conjugating Enzyme E2 H (UBE2H) belongs to the E2 Ubiquitin-Conjugating Enzyme family. The modification of proteins with ubiquitin is an

important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. It has been shown to conjugate ubiquitin to histone H2A in an E3 dependent manner in vitro. UBE2H is the human homolog to the yeast DNA repair gene RAD6, which is induced by DNA damaging reagents. UBE2H has been associated with cancer-induced cachexia and with the regulation of sepsis-induced muscle proteolysis.

Note

For Research Use Only , Not for Diagnostic Use.