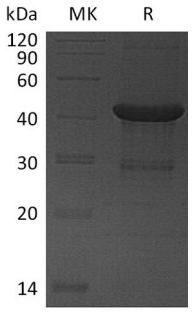
Product Name: Recombinant Human UBE2D4 (N-GST)
Catalog #: PEH1763

Summary

Name	UBE2D4/Ubiquitin-conjugating enzyme E2 D4/UbcH5d
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 D4 is produced by our E.coli expression system and the target gene encoding Met1-Met147 is expressed with a GST tag at the N-terminus.
Accession #	Q9Y2X8
Host	E.coli
Species	Human
Predicted Molecular Mass	43.45 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 D4; HBUCE1; Ubiquitin Carrier Protein D4; Ubiquitin-Protein Ligase D4; UBE2D4; UBCH5D
Background	Ubiquitin-Conjugating Enzyme E2 D4 (UBE2D4) is a ligase that belongs to the Ubiquitin-Conjugating Enzyme family. UBE2D4 has been proposed to participate in

Ubl conjugation pathway. UBE2D4 takes part in post-translational protein modification, protein K6-linked ubiquitination, protein K11-linked ubiquitination, protein K27-linked ubiquitination, protein K29-linked ubiquitination, protein K48-linked ubiquitination, and protein K63-linked ubiquitination. UBE2D4 regulate of protein metabolic process. UBE2D4 accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro, UBE2D4 able to promote polyubiquitination using all 7 ubiquitin Lys residues, but may prefer Lys-11 and Lys-48-linked poly-ubiquitination.

Note

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