

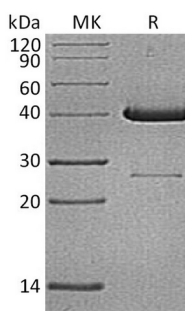
Product Name: Recombinant Human UBE2D1 (N-GST)
Catalog #: PEH1781



概述 (Summary)

英文全称	Ubiquitin-conjugating enzyme E2 D1/UBE2D1/UBCH5
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Ubiquitin-conjugating Enzyme E2 D1 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 #	P51668
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	42.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (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.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Ubiquitin-conjugating enzyme E2 D1; Stimulator of Fe transport; SFT; UBC4/5 homolog; UbcH5; Ubiquitin carrier protein D1; Ubiquitin-conjugating enzyme E2(17)KB 1; Ubiquitin-conjugating enzyme E2-17 kDa 1; Ubiquitin-protein ligase D1; SFT; UBC5A; UBCH5; UBCH5A

背景介绍 (References)

Ubiquitin-conjugating enzyme E2 D1 (UBE2D1) belongs to the ubiquitin-conjugating enzyme family. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.