Recombinant Human UBE2D4 Protein (GST Tag)

Catalog No. PKSH033309

Note: Centrifuge before opening to ensure complete recovery of vial contents.

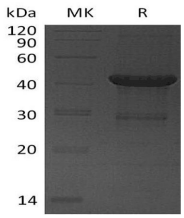
Description

Synonyms	Ubiquitin-Conjugating Enzyme E2 D4;HBUCE1;Ubiquitin Carrier Protein D4;Ubiquitin-Protein Ligase D4;UBE2D4;UBCH5D
Species	Human
Expression Host	E.coli
Sequence	Met 1-Met 147
Accession	Q9Y2X8
Calculated Molecular Weight	43.5 kDa
Observed molecular weight	40 kDa
Tag	N-GST
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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

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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.

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