www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

UBE2D2 Human

Description:UBE2D2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (1-147) and having a molecular mass of 18.9 kDa.The UBE2D2 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #:ENPS-161

For research use only.

Synonyms:ubiquitin-conjµgating enzyme E2D 2 (homologous to yeast UBC4/5), UBC4, Ubiquitin carrier protein D2, Ubiquitin-conjµgating enzyme E2-17 kDa 2, Ubiquitin-protein ligase D2, UBCH5B, EC 6.3.2.19, E2(17)KB2, PUBC1, UBC4/5, UBC5B, UBCH4.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MALKRIHKEL NDLARDPPAQ CSAGPVGDDM FHWQATIMGP NDSPYQGGVF FLTIHFPTDY PFKPPKVAFT TRIYHPNINS NGSICLDILR SQWSPALTIS KVLLSICSLL CDPNPDDPLV PEIARIYKTD REKYNRIARE WTQKYAM

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
The UBE2D2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
UBE2D2 belongs to the E2 ubiquitin-conjµgating enzyme family. UBE2D2 takes part in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. UBE2D2 catalyzes ubiquitination of IkB-alpha in a SCFB-TRCP and phosphorylation dependent method.

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