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UBE2F Human

Catalog #:ENPS-632

For research use only.

Description:UBE2F Human Recombinant produced in E. coli is a single polypeptide chain containing 209 amino acids (1-185) and having a molecular mass of 23.7 kDa.UBE2F is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Ubiquitin-conjµgating enzyme E2F (putative), NEDD8 carrier protein UBE2F, NEDD8 protein ligase UBE2F, NEDD8-conjµgating enzyme 2, NEDD8-conjµgating enzyme UBE2F, NCE2, EC 6.3.2.-.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMLTLAS KLKRDDGLKG SRTAATASDS TRRVSVRDKL LVKEVAELEA NLPCTCKVHF PDPNKLHCFQ LTVTPDEGYY QGGKFQFETE VPDAYNMVPP KVKCLTKIWH PNITETGEIC LSLLREHSID GTGWAPTRTL KDVVWGLNSL FTDLLNFDDP LNIEAAEHHL RDKEDFRNKV DDYIKRYAR

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

Formulation:
The UBE2F solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT and 30% 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:
Ubiquitin-conjµgating enzyme E2 F (UBE2F) is a member of the ubiquitin-conjµgating enzyme family and UBE2F subfamily. Ubiquitin-conjµgating enzymes or sometimes as ubiquitin-carrier enzymes, run the second step in the ubiquitination reaction which targets a protein for degradation using the proteasome. The UBE2F receives the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins.RBX2-UBE2F complex neddylates specific target proteins, for example CUL5 as can be seen from the specific interaction with the E3 ubiquitin ligase RBX2, but not RBX1.

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