

32-2885: UBE2D4 Recombinant Protein

Alternative Name : Ubiquitin-conjugating enzyme E2D 4 (putative),UBCH5D,HBUCE1,Ubiquitin carrier protein D4,Ubiquitin-protein ligase D4,EC 6.3.2.19.

Description

Source : E.coli. UBE2D4 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 18.8 kDa.UBE2D4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. UBE2D4 is a member of the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzymes (E2 enzymes or ubiquitin-carrier enzymes) execute the second step in the ubiquitination reaction which marks a protein for degradation using the proteasome. UBE2D4 receives ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro UBE2D4 can promote polyubiquitination using all 7 ubiquitin Lys residues, but usually selects 'Lys-11' and 'Lys-48'-linked polyubiquitination.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The SRGN solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MALKRIQKEL TDLQRDPPAQ CSAGPVGDDL FHWQATIMGP
NDSPYQGGVF FLTIHFPTDY PFKPPKVAFT TKIYHPNINS NGSICLDILR SQWSPALTVS KVLLSICSL
CDPNPDDPLV PEIAHTYKAD REKYNRLARE WTQKYAM