32-2899: UBE2R2 Recombinant Protein

Alternative Name : CDC34B,E2-CDC34B,UBC3B,Ubiquitin carrier protein R2,Ubiquitin-conjugating enzyme E2-CDC34B,Ubiquitin-protein ligase R2,Ubiquitin-conjugating enzyme E2 R2,EC 6.3.2.19.

Description

Source : Escherichia Coli. UBE2R2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 261 amino acids (1-238 a.a) and having a molecular mass of 29.6kDa (Molecular size on SDS-PAGE will appear higher).UBE2R2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ubiquitin-conjugating enzyme E2 R2 (UBE2R2) is a member of the ubiquitin-conjugating enzyme family. Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase implicated in cell growth and transformation. This protein is a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies propose that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation. UBE2R2 receives ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination. UBE2R2 may be implicated in degradation of katenin. Among the diseases associated with UBE2R2 are cblc, and herpes simplex.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	UBE2R2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.
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 SSGLVPRGSH MGSMAQQQMT SSQKALMLEL KSLQEEPVEG FRITLVDESD LYNWEVAIFGPPNTLYEGGY FKAHIKFPID YPYSPPTFRF LTKMWHPNIY ENGDVCISIL HPPVDDPQSG ELPSERWNPTQNVRTILLSV ISLLNEPNTF SPANVDASVM FRKWRDSKGK DKEYAEIIRK QVSATKAEAE KDGVKVPTTL AEYCIKTKVP SNDNSSDLLY DDLYDDDIDD EDEEEEDADC YDDDDSGNEE S