

32-2879: UBE2A Recombinant Protein

Alternative Name : HHR6A,HR6A,RAD6A,UBC2,UBE2A,EC=6.3.2.19,Ubiquitin-conjugating enzyme E2 A,Ubiquitin-protein ligase A,Ubiquitin carrier protein A,RAD6 homolog A.

Description

Source : Escherichia Coli. UBE2A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 172 amino acids (1-152 a.a.) and having a molecular mass of 19.4 kDa. UBE2A protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography. The alteration of proteins with ubiquitin is a vital cellular mechanism for targeting atypical or short-lived proteins for degradation. Ubiquitination involves not less than three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE2A is part of the E2 ubiquitin-conjugating enzyme family. UBE2A is necessary for post-replicative DNA damage repair. UBE2A catalyzes the covalent attachment of ubiquitin to other proteins. UBE2A is necessary for postreplication repair of UV-damaged DNA.

Product Info

Amount : 25 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : UBE2A Human solution containing 20mM Tris HCL pH-8, 1mM DTT, 1mM EDTA & 10% glycerol.
Storage condition : UBE2A Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MSTPARRRLM RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI
FGPEGTPFED GTFKLTIEFT EEYPNKPPTV RFVSKMFHPN VYADGSICLD ILQNRWSPTY DVSSILTSIQ
SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWR DC.