

32-7161: Recombinant Human Ubiquitin-Conjugating Enzyme E2 A/UBE2A (N-GST, 6His)

Gene : UBE2A
Gene ID : 7319
Uniprot ID : P49459

Description

Source: E.coli.
MW :49kD.

Recombinant Human Ubiquitin-Conjugating Enzyme E2 A is produced by our E.coli expression system and the target gene encoding Met1-Cys152 is expressed with a GST, 6His tag at the N-terminus. Ubiquitin-Conjugating Enzyme E2 (UBE2A) is a member of the E2 Ubiquitin-Conjugating Enzyme family. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE2A catalyzes the covalent attachment of ubiquitin to other proteins. UBE2A is required for postreplication repair of UV-damaged DNA. UBE2A Interacts with RAD18 and WAC.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMIIIRYIA
DKHNMLGGCCKERAIEISMLEGAVLDIRYGVSRAYSKDFETLKVDLFLSKLPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPIQIDKYLKSSKYIAWPLQGWQATFGGGDHPKSDGSTS
GSGHHHHHHSAGLVPRGSTAIGMKETAATAAKFERQHMDSPDLGTGGGSGDDDDKSPMGSTPARRRLMRDFK
RLQEDPPAGVSGAPSENNIMVWNAVIFGPEGTPFEDGTFKLTIEFTTEEYPNKPTVRFVSKMFHPNVYADGSICL
DILQNRWSPTYDVSSILTSIQSLLDEPNPNSPANSAQAALYQENKREYKRVSAIVEQSWRDC

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.