

32-2888: UBE2G Recombinant Protein

Alternative Name E217K,UBC7,UBE2G,Ubiquitin-conjugating enzyme E2 G1,E2 ubiquitin-conjugating enzyme G1,E217K,UBC7,Ubiquitin carrier protein G1,Ubiquitin-protein ligase G1.

Description

Source : Escherichia Coli. UBE2G Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 193 amino acids (1-170 a.a) and having a molecular mass of 21.9kDa.UBE2G is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Protein modification with ubiquitin is an essential cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least 3 classes of enzymes: ubiquitin-activating enzymes (E1s) ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). Ubiquitin-Conjugating Enzyme E2G (UBE2G1) belongs to the E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins. UE2G1 protein is involved in degradation of muscle-specific proteins.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	UBE2G protein solution (0.5mg/ml) containing Phosphate buffered saline, (pH7.4) 30% 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 MGSMTLQSA LLLRRQLAEL NKNPVEGFSA GLIDDNDLYR WEVLIIGPPDTLYEGGVFKA HLTFPKDYPL RPPKMKFITE IWHPNVDKNG DVCISILHEP GEDKYGYEKP EERWLPIHTVETIMISVISM LADPNGDSPA NVDAAKEWRE DRNGEFKRKV ARCVRKSQET AFE.