

32-8148: Recombinant Human Ubiquitin-Conjugating Enzyme E2 I/UBE2I (N-GST)

Gene : UBE2I
Gene ID : 7329
Uniprot ID : P63279

Description

Source: E. coli.
MW :44.4kD.

Recombinant Human Ubiquitin-Conjugating Enzyme E2 I is produced by our E.coli expression system and the target gene encoding Met1-Ser158 is expressed with a GST tag at the N-terminus. SUMO-Conjugating Enzyme UBC9 (UBC9) belongs to the ubiquitin-conjugating enzyme family. UBC9 is homologous to ubiquitin-conjugating enzymes (E2s). However, instead of conjugating ubiquitin, UBC9 conjugates a ubiquitin homologue, Small Ubiquitin-Like Modifier 1 (SUMO-1). The conjugation of ubiquitin requires the activities of ubiquitin-activating (E1) and conjugating (E2) enzymes. It is suggested that UBC9 might play a role in DNA repair and perhaps even in aging.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA
DKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR
GSHMSGIALSRLAQRKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRMLFKDDY
PSSPPKCKFEPPLFHPNVYPSGTVCLSILEEDKDWRAITIKILLGIQELLNEPNIQDPAQAEAYTIYCQNRVEYEK
RVRAQAKKFAPS

Application Note

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