

UBE2I Protein, Human, Recombinant (GST)

General Information

Synonyms:	SUMO-Protein Ligase;Ubiquitin-Conjugating Enzyme E2 I;p18;UBC9;Ubiquitin Carrier Protein I;SUMO-Conjugating Enzyme UBC9;Ubiquitin-Protein Ligase I;UBE2I;UBCE9;Ubiquitin Carrier Protein 9
Protein Construction:	Met1-Ser158
Species:	Human
Expression Host:	E. coli
Accession:	P63279
Molecular Weight:	40 KDa (reducing condition)
AA Sequence:	Met1-Ser158

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 50 mM HEPES, 150 mM NaCl, pH 7.5.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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