

Product Data:

Product SKU: RPES1907

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P49459

Protein Information:

Molecular Mass: 49.0 kDa

AP Molecular Mass: 52 kDa

Tag: N-GST&6His

Bio-activity:

Purity: > 80 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at<-20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Ubiquitin-Conjugating Enzyme E2 A; RAD6 Homolog A; HR6A; hHR6A; Ubiquitin Carrier Protein A; Ubiquitin-Protein Ligase A; UBE2A; RAD6A

Immunogen Information:

Sequence: Met 1-Cys152

Background:

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.