



Recombinant Protein Technical Manual
Recombinant Human Polyubiquitin-B/UBB Protein
RPES2354

Product Data:

Product SKU: RPES2354

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P0CG47

Protein Information:

Molecular Mass: 9.4 kDa

AP Molecular Mass: 7 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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

Application:

Synonyms: Polyubiquitin-B;UBB

Immunogen Information:

Sequence: Met 153-Gly228

Background:

Polyubiquitin-B(UBB) is one of Ubiquitins. Ubiquitin is one of the most conserved proteins known in eukaryotic organisms. Ubiquitin is required for ATP-dependent, non-lysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation.