



Recombinant Protein Technical Manual

Recombinant Human 14-3-3 epsilon/YWHAE Protein (GST Tag) RPES1600

Product Data:

Product SKU: RPES1600

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P62258

Protein Information:

Molecular Mass: 56.0 kDa

AP Molecular Mass: 58 kDa

Tag: N-GST

Bio-activity:

Purity: > 90 % 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 20mM PB, 150mM NaCl, pH 7.2.

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

Application:

Synonyms: 14-3-3E;HEL2;KCIP;MDCR;MDS

Immunogen Information:

Sequence: Met 1-Gln255

Background:

14-3-3 Protein Epsilon acts as an adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. 14-3-3 protein epsilon binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.