



Recombinant Protein Technical Manual

**Recombinant Human 14-3-3 eta/YWHAH Protein
(GST Tag)**
RPES2726

Product Data:

Product SKU: RPES2726

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: Q04917

Protein Information:

Molecular Mass: 55 kDa

AP Molecular Mass: 55 kDa

Tag: N-GST

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

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 sterile 20mM Tris, 0.15M NaCl, 20mM GST, pH 8.0

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

Application:

Synonyms: YWHA1

Immunogen Information:

Sequence: Gly 2-Asn 246

Background:

YWHAH, the gene encoding the 14-3-3eta isoform, is highly expressed in retinal ganglion cells (RGC). YWHAH is a positional and functional candidate gene for both schizophrenia and bipolar disorder (BP). It is located on chromosome 22q12.3, a region which has been implicated by linkage studies in both BP and schizophrenia.