# Recombinant Human 14-3-3 eta/YWHAH Protein (GST

# Tag)

#### Catalog Number: PKSH031391



*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

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LIACOPT	ntion
Descri	

SynonymsYWHA1SpeciesHumanExpression HostE.coli

Sequence Gly 2-Asn 246

Accession Q04917
Calculated Molecular Weight 55.0 kDa
Observed molecular weight 55 kDa
Tag N-GST

## **Properties**

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

**Endotoxin** Please contact us for more information.

**Storage** Generally, 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

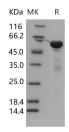
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

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

### Data



> 90 % as determined by reducing SDS-PAGE.

# **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.

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