

## 32-8033: Recombinant Human 14-3-3 Protein e/YWHAE (N-GST)(Discontinued)

**Gene :** YWHAE

**Gene ID :** 7531

**Uniprot ID :** P62258

### Description

Source: E.coli.

MW :56kD.

Recombinant Human 14-3-3 Protein epsilon is produced by our E.coli expression system and the target gene encoding Met1-Gln255 is expressed with a GST tag at the N-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA  
DKHNMLGGCPKRAEISMLEGAVLDIRYGVSRAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR  
GSPEFHMDREDLVYQAKLAEQAERYDEMVESMKKVAGMDVELTVEERNLLSVAYKNVIGARRASWRIISSIE  
QKEENKGGEDKLMIREYRQMVETELKICCDILDVLDKHLIPAANTGESKVFYKMGDHYRYLAEFATGNDR  
KEAAENSLVAYKAASDIAMTELPPTHPIRLGLALNFSVFYIEILNSPDRACRLAKAAFDDAIAELDTLSEESYKDST  
LIMQLLRDNLTLWTSDMQGDGEEQNKEALQDVEDENQ

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.