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Datasheet for ABIN7318110 YWHAE Protein (GST tag)

Overview

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|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | YWHAE |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This YWHAE protein is labelled with GST tag. |

Product Details

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|------------------|--|
| Purpose: | Recombinant Human 14-3-3 epsilon/YWHAE Protein (GST Tag) |
| Sequence: | Met 1-Gln255 |
| Characteristics: | 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. |
| Purity: | > 90 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | YWHAE |
| Alternative Name: | 14-3-3 epsilon/YWHAE (YWHAE Products) |
| Background: | 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 |

Target Details

phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.

Synonym: 14-3-3E,HEL2,KCIP-1,MDCR,MDS

Molecular Weight: 56.0 kDa

UniProt: [P62258](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [M Phase](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.