

Recombinant Human YWHAH Protein

Cat. No. YWHAH-141H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human YWHAH was expressed in E. coli.
Species	Human
Source	E.coli
Description	14-3-3 eta (also known as tyrosine 3-monooxygenase/ tryptophan 5-monooxygenase activation protein, eta polypeptide) plays a key role in tissue differentiation in neural development and in early mesenchyme. The 14-3-3 eta protein belongs to family of acidic proteins present exclusively in the brain and is believed to have a function in monoamine biosynthesis. 14-3-3 eta protein regulates human tyrosine hydroxylase type 1 (hTH1) stability by acting on the N-terminus. 14-3-3 eta can bind to parkin, which encodes an E3 ubiquitin-protein ligase, in the linker region and negatively regulate its ubiquitin ligase activity.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol
Molecular Mass	28 kDa
Purity	> 80%
Applications	Western Blot
Stability	1 year at -70 centigrade from date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store product at –70centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
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Concentration	0.2 ug/ml
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GENE INFORMATION

Gene Name	YWHAH tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide [Homo sapiens]
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Official Symbol	YWHAH
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Synonyms	YWHAH; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide; YWHA1; 14-3-3 protein eta; 14 3 3 eta; 14-3-3 eta;
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Gene ID	7533
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mRNA Refseq	NM_003405
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Protein Refseq	NP_003396
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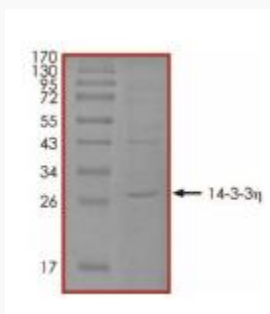
MIM	113508
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UniProt ID	Q04917
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