

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.

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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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