

Recombinant Human YWHAE Protein, His-tagged

Cat. No. YWHAE-019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of full length human tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide (YWHAE), transcript variant 1 was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene. [provided by RefSeq, Aug 2008].
Molecular Mass	56 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test.
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling

 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

	conditions.
Concentration	Resuspend the protein to the desired concentration in proper buffer.
Storage Buffer	Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.2.
Full Length	Full L.
GENE INFORMATION	
Gene Name	YWHAE tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide [Homo sapiens]
Official Symbol	YWHAE
Synonyms	YWHAE; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide; 14-3-3 protein epsilon; 14 3 3 epsilon; FLJ45465; 14-3-3 epsilon; protein kinase C inhibitor protein-1; mitochondrial import stimulation factor L subunit; tyrosine 3/tryptophan 5 -monooxygenase activation protein, epsilon polypeptide; MDS; MDCR; KCIP-1; 14-3-3E; FLJ53559;
Gene ID	7531
mRNA Refseq	NM_006761
Protein Refseq	NP_006752
MIM	605066
UniProt ID	P62258

 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