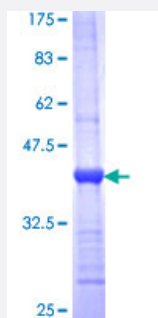


YWHAH (Human) Recombinant Protein (Q01)

Catalog # H00007533-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human YWHAH partial ORF (AAH03047, 71 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MADGNEKKLEKVKAYREKIEKELETVCNDVLSLLDKFLIKNCNDFQYESKVFYLMKMGDYRYLAE VASGEKKNSVVEASEAAAYKEAFEISKEQMOPHP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — YWHAH

Entrez GeneID	7533
GeneBank Accession#	BC003047
Protein Accession#	AAH03047
Gene Name	YWHAH
Gene Alias	YWHA1
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide
Omim ID	113508
Gene Ontology	Hyperlink
Gene Summary	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 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder. [provided by RefSeq]
Other Designations	14-3-3 eta

Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)