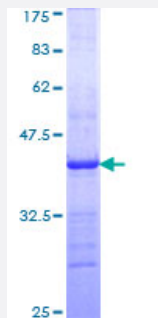


YWHAG (Human) Recombinant Protein (Q01)

Catalog # H00007532-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human YWHAG partial ORF (NP_036611, 67 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EQKTSADGNEKKIEMVRAYREKIEKELEAVCQDVLSSLLDNYLIKNCSETQYESKVFYLMKMGDYR YLAEVATGEKRATTVESSEKAYSEAHEISKEHMQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — YWHAG

Entrez GeneID	7532
GeneBank Accession#	NM_012479
Protein Accession#	NP_036611
Gene Name	YWHAG
Gene Alias	14-3-3GAMMA
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide
Omim ID	605356
Gene Ontology	Hyperlink
Gene Summary	<p>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 rat ortholog. It is induced by growth factors in human vascular smooth muscle cells, and is also highly expressed in skeletal and heart muscles, suggesting an important role for this protein in muscle tissue. It has been shown to interact with RAF1 and protein kinase C, proteins involved in various signal transduction pathways. [provided by RefSeq]</p>
Other Designations	14-3-3 gamma

Pathway

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