

## Recombinant Human YWHAQ protein, GST-tagged

Cat. No. YWHAQ-2563H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human YWHAQ protein(P27348) (Met 1-Asn 245) was expressed in E. coli, fused with the GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-245 aa
<b>Form</b>	Lyophilized from sterile 20mM Tris, 0.15m NaCl, 20mM GSH, pH 7.5.
<b>Molecular Mass</b>	The recombinant human YWHAQ/GST chimera consists of 476 amino acids and has a predicted molecular mass of 54.6 kDa. It migrates as an approxiamtely 53 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 88 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

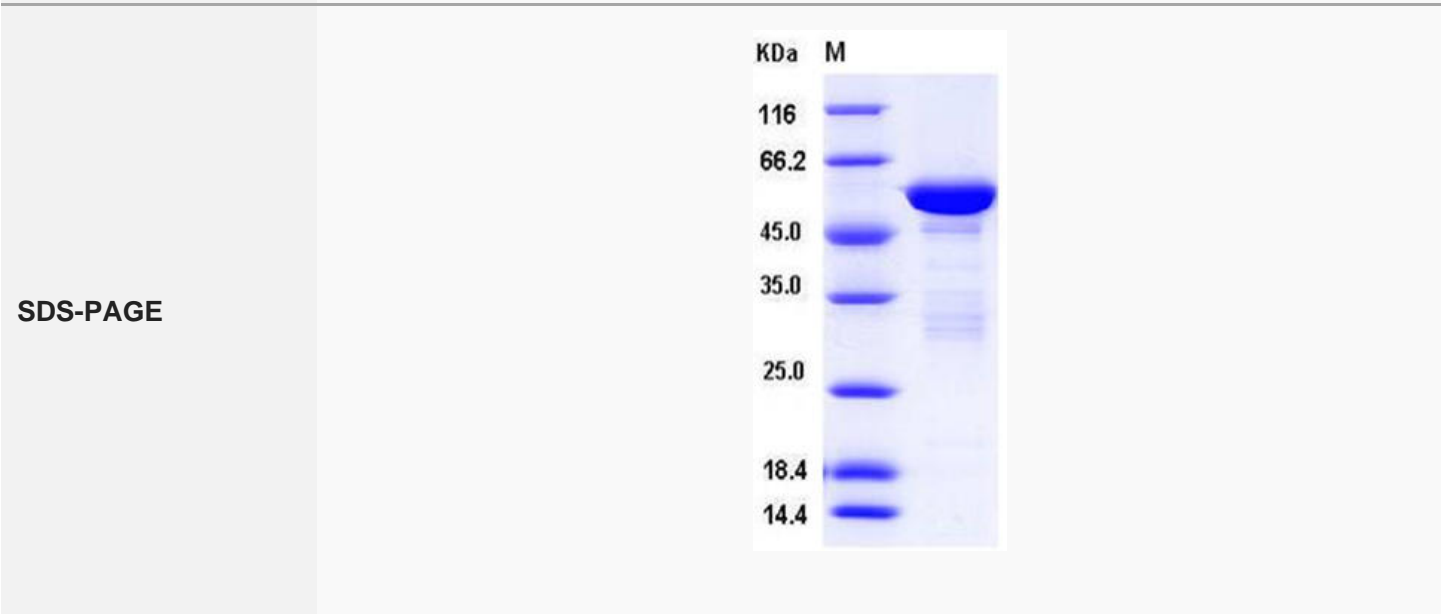
### GENE INFORMATION

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<b>Gene Name</b>	YWHAQ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	YWHAQ
<b>Synonyms</b>	YWHAQ; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide; 14-3-3 protein theta; 14 3 3; HS1; protein tau; 14-3-3 protein tau; 14-3-3 protein T-cell; 1C5; 14-3-3;
<b>Gene ID</b>	10971
<b>mRNA Refseq</b>	NM_006826
<b>Protein Refseq</b>	NP_006817
<b>MIM</b>	609009
<b>UniProt ID</b>	P27348



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