

## Recombinant Human YES1, GST-His

Cat. No. YES1-708H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human YES, Amino acids M1-L543, N-terminally fused to GST-HIS6-Thrombin cleavage site, was expressed in <i>Baculovirus infected Sf9 cells</i> . MW = 90,997 Da.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	1-543 a.a.
<b>Description</b>	This gene is the cellular homolog of the Yamaguchi sarcoma virus oncogene. The encoded protein has tyrosine kinase activity and belongs to the src family of proteins. This gene lies in close proximity to thymidylate synthase gene on chromosome 18, and a corresponding pseudogene has been found on chromosome 22.
<b>Purification</b>	One-step affinity purification using GSH-agarose.
<b>Product Identity</b>	YES was confirmed as YES by specific Western Blotting using anti YES antibody.
<b>Storage Buffer</b>	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol.
<b>Concentration</b>	0.116 µg/µl (Bradford method using BSA [Sigma, cat# A-7638, Lot 79H7641] as standard protein).

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**Specific Activity** 29 pmol/μg×min.

**Storage** -80°C. Avoid repeated freeze-thaw cycles!

## GENE INFORMATION

**Gene Name** [YES1 v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1 \[ Homo sapiens \]](#)

**Synonyms** YES1; v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1; Yes; c-yes; HsT441; P61-YES; viral oncogene yes-1 homolog 1; OTTHUMP00000162194; cellular yes-1 protein; Yamaguchi sarcoma oncogene; proto-oncogene tyrosine-protein kinase YES; EC 2.7.10.2

**Gene ID** [7525](#)

**mRNA Refseq** [NM\\_005433](#)

**Protein Refseq** [NP\\_005424](#)

**MIM** [164880](#)

**UniProt ID** [P07947](#)

**Chromosome Location** 18p11.31-p11.21

**Pathway** Adherens junction; Tight junction; Hemostasis; Signaling in Immune system

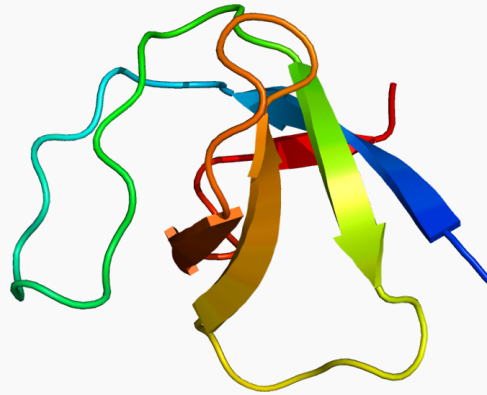
**Function** ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; transferase activity

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on 2hda.



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