

Recombinant Human YES1, GST-His

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Sf9 Cells
Protein Length	1-543 a.a.
Description	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.
Purification	One-step affinity purification using GSH-agarose.
Product Identity	YES was confirmed as YES by specific Western Blotting using anti YES antibody.
Storage Buffer	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol.
Concentration	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

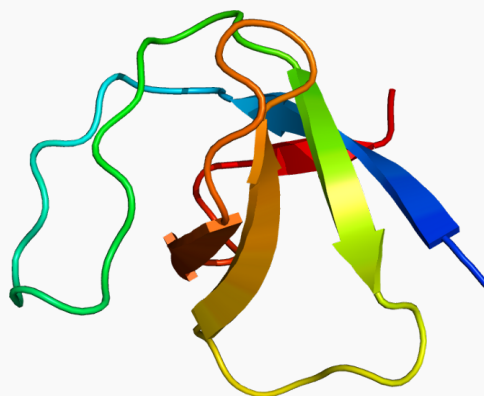
Function ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; transferase activity

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PDB rendering based
on 2hda.



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