

## Recombinant Human YES1, UD Domain

Cat. No. YES1-237H Lot. No. (See product label)

### SPECIFICATION

|  |  |
|--|--|
| <b>Product Overview</b>                    | Recombinant Human YES1 UD domain protein expressed in <i>E.coli</i> encodes full length amino acids and has a molecular mass of 33 kDa.  |
| <b>Species</b>                             | Human  |
| <b>Source</b>                              | E.coli   |
| <b>Description</b>                         | V-yes-1 Yamaguchi sarcoma viral oncogene homolog 1, also known as YES1, is a human gene. 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>Formulation</b>                         | Recombinant Human YES1 UD Domain protein at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.  |
| <b>Other Variants Available</b>            | •UD/SH3 Domain •UD/SH3/SH2 Domain.   |
| <b>Application And Suggested Dilutions</b> | •ELISA •Inhibition Assays •Western Blotting.   |
| <b>Characterization</b>                    | On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 33 kDa.  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage & stability** Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

**Full Length** Full L.

## 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

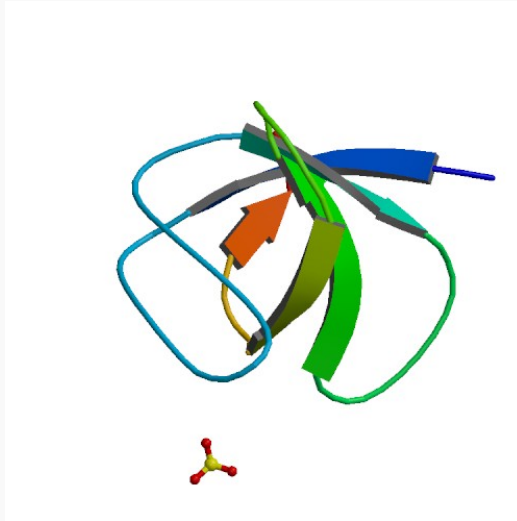
**Function** ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; transferase activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based  
on 2hda.



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA