

Recombinant Human YES1, UD Domain

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	<i>E. coli</i>
Description	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.
Formulation	Recombinant Human YES1 UD Domain protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Other Variants Available	•UD/SH3 Domain •UD/SH3/SH2 Domain.
Application And Suggested Dilutions	•ELISA •Inhibition Assays •Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 33 kDa.

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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

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