



## Recombinant Human YES1 (N-GST tag)

Cat No:HR2R2073

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	YES1
Gene ID	N/A
Accession	NM_005433
Alternative Name	Yes, c-yes, HsT441, P61-YES
Species	Human
Source	Insect cells
Description	<p>YES1 is the cellular homolog of the Yamaguchi sarcoma virus oncogene that has tyrosine kinase activity and belongs to the SRC family. YES1 lies in close proximity to thymidylate synthase gene on chromosome 18 and chromosome 22 . The activation of YES1 may play a significant role in the malignant transformation of hepatocytes, and is important for maintaining embryonic stem cells in an undifferentiated state. YES1 is a useful marker to detect early-stage hepatocellular carcinoma, and it plays a key role in the tumorigenesis and metastasis of gastric cancer. YES1 induction results in increased cancer cell motility suggesting that YES1 may promote cancer spread and metastasis rather than tumor growth .</p>
Functions	The specific activity of YES1 was determined to be 185 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	91
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.