

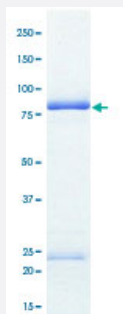
Bioactive

Full-Length

YES1 (Human) Recombinant Protein

Catalog # P5811 Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human YES1 (NP_005424.1, 1 a.a. - 543 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	88
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	79 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip3000. Substrate : Src tide. ATP: 100 μ M.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — YES1

Entrez GeneID	7525
Protein Accession#	NP_005424.1
Gene Name	YES1
Gene Alias	HsT441, P61-YES, Yes, c-yes
Gene Description	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1
Omim ID	164880
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000162194 Yamaguchi sarcoma oncogene cellular yes-1 protein proto-oncogene tyrosine-protein kinase YES viral oncogene yes-1 homolog 1

Pathway

- [Adherens junction](#)
- [Tight junction](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)