

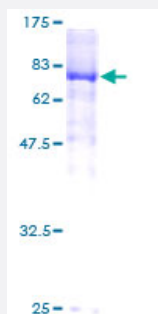
Full-Length

YES1 (Human) Recombinant Protein (P01)

Catalog # H00007525-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human YES1 full-length ORF (AAH48960, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGCIKSKENKSPAICYRPENTPEPVSTSVSHYGAEP TTVSPCPSSSAKGTAVNFSSLSMTPFGGS
SGVTPFGGASSFSVVPSSYPAGLTGGVTIFVALYDYEAR TTEDLSFKKGERFQIINTEGDWWE
ARSIATGKNGYIPSNYVAPADSIQAE EWYFGKMGRKDAERLLL NPGNQRGIFLVRESE TTKGAYSL
SIRDWDEIRGDNVKHYKIRKLDNGGYITTRAQFD TLQKLVKHYTEHADGLCHKLTTVCPTVKPQTQ
GLAKDAWEIPRESLRLEVKLGQGC FGEVWMGTWNGTTKVAIKTLKPGTMMPEAFLQEAQIMKKL
RHDKLVPLYAVVSEEP MVTEFMSKGSLLDFLKEGDGKYLKLPQLVDMAAQIADGMAYERMNYIH
RDLRAANILVGENLVCKIADFGLARLIEDNEY TARQGAKFPIKWTAP EAALYGRFTIKSDVWSFGILQ
TELVTKGRVPYPGMVNREVL EQVERGYRMPCPQGCPESLHELMNLCWKKDPDERPTFEYIQSFL
EDYFTATEPQYQPGENL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.58

Interspecies Antigen Sequence

Mouse (96); Rat (94)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — YES1

Entrez GeneID	7525
GeneBank Accession#	BC048960
Protein Accession#	AAH48960
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](#)