

Spleen Tyrosine Kinase (SYK) Recombinant Protein | SYK recombinant protein

Recombinant Spleen Tyrosine Kinase (SYK)

CATALOG # AAA134257	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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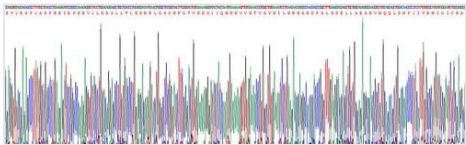
PRODUCT SYNONYMS

Spleen Tyrosine Kinase (SYK); Recombinant Spleen Tyrosine Kinase (SYK); SYK recombinant protein

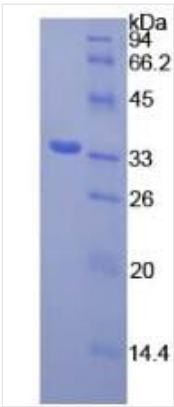
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-EV YESPYADPEE IRPKEVYLDL SLLTLEDNEL GSGNFGTVKK GYYQMKKVVK TVAVKILKNE ANDPALKDEL LAEANVMQQL DNPYIVRMIG ICEAESWMLV MEMAELGPLN KYLQQRHIK DKNIELVHQ VSMGMKYLEE SNFVHRDLAA RNVLLVTQHY AKISDFGLSK ALRADENYYK AQTHGKWPVK WYAPECINYY KFSSKSDVWS FGVLMWEAFS YGQKPYRGMK GSEVTAMLEK GERMGCPAGC PREMYDLMNL CWTYDV
Sequence Length	629
Applicable Applications for SYK recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Glu340~Val607 (Accession # P48025) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

E VYESPYADPE

EIRPKEVYLD RSLLTLEDNE LGSGNFGTVK KGYQMKKV KTVAVKILKN

EANDPALKDE LLAEANVMQO LDNPYIVRMI GICEAESWML VMEMAELGPL

NKYLQQRHI KDKNIIELVH QVSMGMKYLE ESNFVHRDLA ARNVLLVTOH

YAKISDFGLS KALRADENYY KAQTHGKWPV KMYAPECINY YKFSSKSDVW

SFGVLMWEAF SYGQKPYRGM KGSEVTAMLE KGERMGCPCG CPREMYDLMN

LCHTYDV

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	312176429
NCBI GeneID	20963
NCBI Accession #	NP_001185906.1
NCBI GenBank Nucleotide #	NM_001198977.1
UniProt Accession #	P48025
Molecular Weight	34.8kDa
NCBI Official Full Name	tyrosine-protein kinase SYK
NCBI Official Synonym Full Names	spleen tyrosine kinase
NCBI Official Symbol	Syk
NCBI Official Synonym Symbols	Sykb
NCBI Protein Information	tyrosine-protein kinase SYK
UniProt Protein Name	Tyrosine-protein kinase SYK
UniProt Gene Name	Syk
UniProt Synonym Gene Names	ptk72; Sykb
UniProt Entry Name	KSYK_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.