Phospho-Lyn (Tyr193) Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	Lyn, Blocking Peptide
Full Product Name	Phospho-Lyn (Tyr193) Blocking Peptide
Product Gene Name	Lyn blocking peptide
Product Synonym Names	AA407514; EC 2.7.10.2; FLJ26625; Hck 2; JTK 8; JTK8; Lck/Yes related novel protein tyrosine kinase; LYN; LYN proto oncogene, Src family tyrosine kinase; LYN_HUMAN; ONCOGENE LYN; p53Lyn; p56Lyn; Tyrosine protein kinase LYN; Tyrosine-protein kinase Lyn; V yes 1 Yamaguchi sarcoma viral related oncogene homolog; Yamaguchi sarcoma viral (v yes 1) related oncogene homolog
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	Lyn (Tyr193) peptide (MBS9618288) is used for blocking the activity of Lyn (Tyr193) antibody (MBS9610570)
Molecular Weight	512
Chromosome Location	Chromosome: 8; NC_000008.10 (56792386..56925006). Location: 8q13
OMIM	165120
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for Lyn blocking peptide	Blocking/Control
Related Product Information for Lyn blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Other Notes	Small volumes of Lyn blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Lyn purchase	MBS9618288 is a blocking peptide targeting Lyn. Also known as Phospho-Lyn (Tyr193) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Lyn. It may not necessarily be applicable to this product.

NCBI GI #	162287326
NCBI GeneID	4067
NCBI Accession #	NP_001104567.1

UniProt Primary Accession #	P07948
UniProt Secondary Accession #	A0AVQ5
UniProt Related Accession #	P07948
GenBank Nucleotide #	NP_001104567.1
NCBI Official Full Name	tyrosine-protein kinase Lyn isoform B
NCBI Official Synonym Full Names	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog
NCBI Official Symbol	LYN
NCBI Official Synonym Symbols	JTK8; p53Lyn; p56Lyn
UniProt Protein Name	Tyrosine-protein kinase Lyn
UniProt Synonym Protein Names	Lck/Yes-related novel protein tyrosine kinase; V-yes-1 Yamaguchi sarcoma viral related oncogene homolog; p53Lyn; p56Lyn
Protein Family	Tyrosine-protein kinase
UniProt Gene Name	LYN
UniProt Synonym Gene Names	JTK8
UniProt Entry Name	LYN_HUMAN
NCBI Protein Information	tyrosine-protein kinase Lyn; lck/Yes-related novel protein tyrosine kinase
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