

## 32-4142: Recombinant Human v-yes-1 Yamaguchi Sarcoma Viral Related Oncogene

**Alternative Name :** Tyrosine-protein kinase Lyn,Lck/Yes-related novel protein tyrosine kinase,V-yes-1 Yamaguchi sarcoma viral related oncogene homolog,p53Lyn,p56Lyn,JTK8,EC 2.7.10,LYN Proto-Oncogene,Src Family Tyrosine Kinase,V-Yes-1 Yamaguchi Sarcoma Viral Rel

### Description

Source : Escherichia Coli. LYN Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 535 amino acids (1-512) and having a molecular mass of 61.0kDa. LYN is fused to a 23 amino acid His-tag at N-terminus. Tyrosine-protein kinase Lyn (LYN) belongs to the src family of non-receptor protein tyrosine kinases, which is primarily expressed in haematopoietic tissues. LYN protein is involved in induction of stress-activated protein kinase (SAPK), but not ERK or p38 MAPK, in response to genotoxic agents. LYN protein stimulates SAPK by a MKK7- and MEKK1-dependent mechanism. The LYN - MEKK1 - MKK7 - SAPK pathway is efficient in the induction of apoptosis by genotoxic agents.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The LYN solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) ,0.4M urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMGCIKSK GKDSLSDDG V DLKTQPVRNT ERTIYVRDPT  
SNKQQRVPPE SLLPGQRFQ TKDPPEEQDI VVALYPYDGI HPDDL SFKKG EKMKVLEE HG EWWKAKSLLT  
KKEGFIPSNY VAKLNTLETE EWFFKDITRK DAERQLLAPG NSAGAFLIRE SETLKGSFSL SVRDFDPVHG  
DVIKHYKIRS LDNGGYYISP RITFPCISDM IKHYQKQADG LCRRLEKACI SPKPQKPW DK DAW EIPRESI  
KLVKRLGAGQ FGEVWMGYYN NSTKVAVKTL KPGTMSVQAF LEEANLMKTL QHDKLVRLYA VVTREEPIYI  
ITEYMAKGSL LDFLKSDEGG KVLLPKLIDF SAQIAEGMAY IERKNYIHRD LRAANLVSE SLMCKIADFG  
LARVIEDNEY TAREGAKFPI KWTAPEAINF GCFTIKSDVW SFGILLYEIV TYGKIPYPGR TNADVMTALS  
QGYRMPRVEN CPDELYDIMK MCWKEKAEER PTFDYLQSVL DDFYTATEGQ YQQQP.