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LYN, 1-512aa Human, His tag, E.coli

产品货号: TP02866

第三版

别名: Tyrosine-protein kinase Lyn, JTK8, p53Lyn, p56Lyn

描述: Tyrosine-protein kinase Lyn, also known as LYN, is a member of the src family of non-receptor protein tyrosine kinases that is predominantly expressed in haematopoietic tissues. This protein is involved in induction of stress-activated protein kinase (SAPK), but not ERK or p38 MAPK, in response to genotoxic agents. It induces SAPK by a MKK7- and MEKK1-dependent mechanism. The LYN → MEKK1 → MKK7 → SAPK pathway is functional in the induction of apoptosis by genotoxic agents. Recombinant human LYN protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量: 61.0 kDa (535aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMGCIKSKGKDSLDDGVDLKTQPVRNTERTIYVRDPTSNKQQRVPESQLLPGQRF
QTKDPPEEQGDIVVALYPYDGIHPDDLDFKKGKMKVLEEHGEWWKAKSLLTKKEGFIPSNYVAKLNTLETEEWFQDITR
KDAERQLLAPGNSAGAFIRESETLKGFSLSVRDFDPVHGDVIKHYKIRSLDNGGYYISPRITFPCISDMIKHYQKQADGLC
RRLEKACISPKPQKPWDKDAWEIPRESIKLVKRLGAGQFGEVWVMGYNNSTKVAVKTLKPGTMSVQAFLEENLMKTLQ
HDKLVRLYAVVTREPIYIITEYMAKGSLLDFLKSDEGGKVLLPKLIDFSAQIAEGMAYIERKNIHRDLRAANVLVSESLMC
KIADFGLARVIEDNEYTAREGAKFPIKWTAPEAINFGCFTIKSDVWSFGILLYEIVTYGKIPYPGRTNADVMTALSQGYRMP
RVENCPELDYDIMKMCWKEKAERPTFDYLSVLDDFYTATEGQYQQQP

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.