

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Recombinant Human Lymphocyte Cytosolic Protein 2/LCP2 Protein(C-6His, N-T7 tag)

产品货号: TP06085

第三版

**别名:**Lymphocyte cytosolic protein 2;SH2 domain-containing leukocyte protein of 76 kDa;SLP-76 tyrosine phosphoprotein;SLP76;LCP2

**描述:**Lymphocyte cytosolic protein 2 ( LCP2 ) contains a SAM domain and a SH2 domain. It is highly expressed in spleen, thymus and peripheral blood leukocytes, T-cell and monocytic cell lines, but expressed at lower level in B-cell lines. LCP2 was originally identified as a substrate of the ZAP-70 protein tyrosine kinase following T cell receptor (TCR) ligation in the leukemic T cell line Jurkat. It is phosphorylated after T-cell receptor activation by ZAP70, ITK and TXK, which leads to the up-regulation of Th1 preferred cytokine IL-2 during post-translational modification. Studies using LCP2-deficient T cell lines or mice have provided strong evidence that SLP-76 plays a positive role in promoting T cell development and activation as well as mast cell and platelet function.

**配方:**PBS

**分子量:**62.6 kDa

**序列:**Met 1-Pro533

**纯度:**> 95% by HPLC

**浓度:**

**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.