

IL-12 p40/IL-12B/CLMF p40, Mouse, Recombinant

货号：PCK249

产品信息

| | |
|------|---|
| 别名 | Interleukin-12 subunit beta, IL-12 subunit p40, IL-12B, Cytotoxic Lymphocyte Maturation Factor 40 kDa subunit (CLMF p40), NK cell Stimulating Factor Chain 2 |
| 物种 | Mouse |
| 表达宿主 | E.coli |
| 序列信息 | MWELEKDVYVVEVDWTPDAPGETVNLTCDTPEEDDITWTSDQRHGVIGSG KTLTITVKEFLDAGQYTCHKGGETLSHSHLLLHKKENGIWSTEILKNFKNKT FLKCEAPNYSGRFTCSWL VQRNMDLKFNIKSSSSSPDSRAVTCGMASLSAE KVTLDQRDYEKYSVSCQEDVTCPTAEETLPIELALEARQQNKYENYSTSFFI RDIKPPKPNLQMKPLKNSQVEVSWEYPDSWSTPHSYFSLKFFV |
| 检索号 | P43432.1 |
| 分子量 | 36.60 kDa |
| 标签 | His-tag at the C-terminus |
| 生物活性 | Measure by its ability to induce proliferation in T-cell enriched PBMC. The ED50 for this effect is <0.3 ng/mL. |

产品特性

| | |
|-----|--|
| 纯度 | >98% as determined by SDS-PAGE. Ni-NTA chromatography |
| 内毒素 | <0.1 EU per 1 µg of the protein by the LAL method. |
| 保存 | Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months. |
| 运输 | Ambient temperature or ice pack. |
| 制剂 | The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. |



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Active IL-12 is a p70 disulfide-linked dimer composed of p35 and p40 subunits. The protein is a pleiotropic cytokine produced primarily by antigen presenting cells and has multiple effects on T lymphocytes and natural killer cells in terms of stimulating cytotoxicity, proliferation, production of other cytokines and Th1 subset differentiation.

SDS-PAGE

