

IL-30/IL-27/IL27-A, Mouse, Recombinant

货号 : PCK318

产品信息

别名	IL-27, IL-27-A, IL-27p28, IL27-A, p28
物种	Mouse
表达宿主	E.coli
序列信息	MFPTDPLSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDLLPL GYHLPNVSLTFQAWHHLSDSERLCFLATTLRPFPA MLGGLGTQGTWTSSER EQLWAMRLDLRDLHRHLRFQVLAAGFKCSKEEEDKEEEEEEEEEEEKKLPL GALGGPNQVSSQVSWPQLLYTYQLLHSELVLSRAVRDLLLSLPRRPGSA WDS with polyhistidine tag at the C-terminus.
检索号	Q8K3I6.1
分子量	24.51 kDa
标签	His-tag at the C-terminus
生物活性	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is <5 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

Interleukin-30 (IL-30) is a protein with a molecular weight of 28 kilodaltons, which forms one chain of the heterodimeric cytokine called interleukin 27 (IL-27), thus is sometimes called IL27-p28. The other chain of IL-27 is a molecule called Epstein-Barr induced gene-3 (EBI3). IL-30 is a member of the long-chain, 4-helix bundle family of cytokines, making it structurally similar to IL-6. This gene for this molecule is now officially called IL-27 under HGNC guidelines.

SDS-PAGE

