

IL-5/EDF/BCDFII/TRF, Mouse, Recombinant

货号 : PCK315

产品信息

别名	EDF, BCDFII, TRF
物种	Mouse
表达宿主	E.coli
序列信息	MEIPMSTVVKETLTQLSAHRALLTSNETMRLPVPTHKNHQLCIGEIFQGLDI LKNQTVRGGTVEMLFQNLSLIKKYIDRQKEKCGEERRRTRQFLDYLQEFGLG VMSTEWAMEG with polyhistidine tag at the C-terminus.
检索号	P04401.1
分子量	13.93 kDa
标签	His-tag at the C-terminus
生物活性	Measure by its ability to induce TF-1 cells proliferation.The ED50 for this effect is <0.2 ng/mL.The specific activity of recombinant mouse IL-5 is > 5 x 10 ⁶ IU/mg.

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 5 (IL-5) is an interleukin produced by type-2 T helper cells and mast cells. Through binding to the interleukin-5 receptor, interleukin 5 stimulates B cell growth and increases immunoglobulin secretion - primarily IgA. It is also a key mediator in eosinophil activation.

SDS-PAGE

