9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CTF2P Mouse

Neuropoietin Mouse Recombinant
CYK0121

Product Overview

Name	CTF2P Mouse

Description

Neuropoietin Mouse Recombinant

Accession (Primary)	P83714

Synonyms

Cardiotrophin-2, CT-2, Neuropoietin, Np, Ctf2, Gm494.

Introduction

CTF2P, aka Neuropoietinis a part of the IL-6 family of cytokines. CTF2P is the outcome of a gene duplication event involving cardiotrophin-1 (CT-1) and it helps to define a subfamily within the IL-6 family that includes CT-1, CLC and CTNF. CTF2P Increases the platelet count associated with splenomegaly and takes part in neuronal precursor development and maturation.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 µm filtered concentrated solution in 20mM Tris-HCl, pH 8.0, 0.5mM DTT and 500mM NaCl.

Stability

Lyophilized CTF2P although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Neuropoietin should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles .

Purity

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Amino acid sequence

APISPSEPIG QAYSLALYMQ KNTSALLQTY LQHQGSPFSD PGFSAPELQL STLPSAAVSF KTWHAMEDAE RLSRAQGAFL ALTQHLQLVG DDQSYLNPGS PILLAQLGAA RLRAQGLLGN MAAIMTALGL PIPPEEDTLG FVPFGASAFE RKCRGYIVTR EYGHWTDRAV RDLALLKAKY SA.

Biological Activity

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Solubility

It is recommended to reconstitute the lyophilized Neuropoietin in sterile PBS not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

CTF2P Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P83714)