

Active Recombinant Mouse Ctf2 Protein

Cat. No. Ctf2-2357M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse cardiotrophin 2 (Ctf2) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Increases the platelet count associated with splenomegaly. May have an important role in neuronal precursor development and maturation.
Bio-activity	ED50 was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is 0.5-0.8 µg/mL.
Molecular Mass	19.8 kDa
AA Sequence	MAPISPSEPIGQAYSLALYMQKNTSALLQTYLQHQGSPFSDPGFSAPELQLSTLPSA AVSFKTWHAMEDAERLSRAQGAFLALTQHLQLVGDDQSYLNPGSPILLAQLGAARL RAQGLLGNMAAIMTALGLPIPPEEDTLGFVPFGASAFERKCRGYIVTREYGHWTDR VRDLALLKAKYSA
Endotoxin	< 0.1 ng/µg of protein (< 1 EU/µg)
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling

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conditions.

Storage

Store at -80 centigrade.

Storage Buffer

Lyophilized from a 0.2 µM filtered solution of 20 mM phosphate buffer, 100 mM NaCl, pH 7.2

GENE INFORMATION

Gene Name

Ctf2 cardiotrophin 2 [Mus musculus (house mouse)]

Official Symbol

Ctf2

Synonyms

CTF2; cardiotrophin 2; cardiotrophin-2; CT-2; neuropoietin; NP; Gm494

Gene ID

244218

mRNA Refseq

NM_198858

Protein Refseq

NP_942155

UniProt ID

P83714

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