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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CSF1 (Human) Recombinant Protein

-80°C.

Aliquot to avoid repeated freezing and thawing.

Catalog Number: P9897

Entrez GeneID: 1435

Regulation Status: For research use only (RUO)

Gene Symbol: CSF1

Product Description: Human CSF1 (P09603-1, Glu33-Asn190) partial recombinant protein expressed in HEK293 cells.

Gene Alias: MCSF, MGC31930

Sequence: Glu33-Asn190

Gene Summary: The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. The encoded protein may be involved in development of the placenta. Four transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]

Host: Human

Theoretical MW (kDa): 20.5

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Activity: The EC₅₀ was 42.8 ng/mL, measured by ELISA at 0.5 ug/mL. The ED₅₀ was 2.5 - 7.0 ng/mL, measured in a cell proliferation assay using RAW264.7 cells. The affinity constant of 2.06 nM as determined in SPR assay (Biacore T200).

Recommend Usage: Biological Activity

Cell proliferation assay

ELISA

SDS-PAGE

SPR

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from sterile distilled Water is > 100 ug/mL

Storage Instruction: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to