

Recombinant Rat CSF-2/GM-CSF Protein

Catalog No.: RP01207

Sequence Information

Species **Gene ID**
Rat 116630

Swiss Prot **Tags**
P48750 N-His

Synonyms
GMCSF,CSF2

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
15.38 kDa 20 kDa and 23
 kDa

Endotoxin
< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us
for customized product form or
formulation.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Rat CSF-2/GM-CSF Protein is produced by HEK293 cells
expression system. The target protein is expressed with sequence (Ala18-
Lys144) of rat GM-CSF/CSF2 (Accession #NP_446304.1.) fused with a 6×His
tag at the N-terminus.

Activity

Measured in a cell proliferation assay using SP2/O mouse myeloma cells. The
ED₅₀ for this effect is 7.5–30 pg/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for
handling.

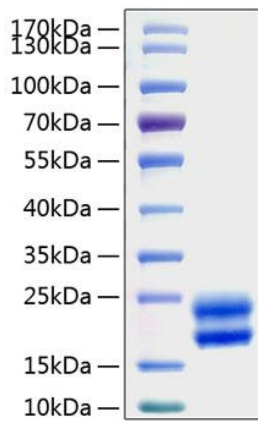
Contact

☎ | 400-999-6126

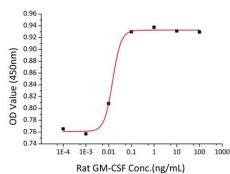
✉ | cn.market@abclonal.com.cn

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Validation Data



Recombinant Rat CSF-2/GM-CSF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Recombinant Rat GM-CSF/CSF2 promotes the proliferation of SP2/O mouse myeloma cells. The ED_{50} for this effect is 7.5-30 pg/mL.