

# Recombinant Human M-CSF(*E. Coli*-expressed)

Catalog Number : mly06721H

## Characteristics:

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| Source                   | <i>E. coli</i>                                     |
| Description              | Human M-CSF (Glu33-Ser190)<br>Accession # P09603.3 |
| Predicted molecular mass | 18.4 kDa                                           |

## Specification:

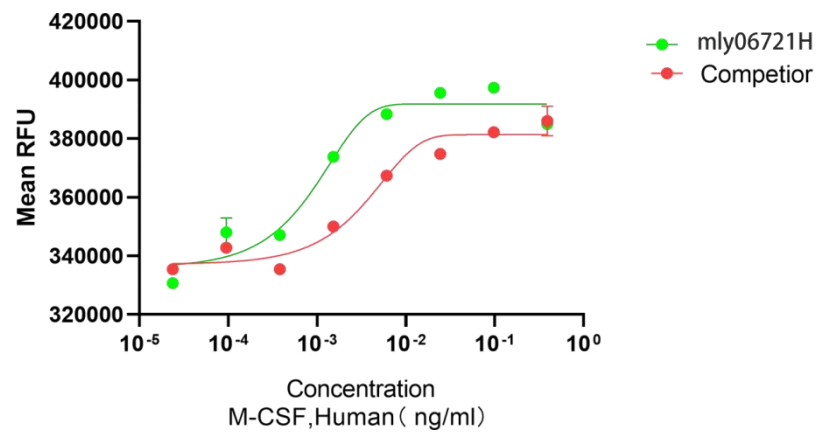
|             |                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------|
| Appearance  | White powder, Colorless clear liquid after reconstitution                                               |
| Purity      | ≥95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)       |
| Endotoxin   | ≤100 EU/mg by the LAL method                                                                            |
| Activity    | The activity is determined by the dose-dependent proliferation of murine NFS-60 cells is < 0.5 ng/ml..  |
| Formulation | Lyophilized from a 0.22 μm filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4 |

## Handling and Storage:

|                     |                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution      | It is recommended to redissolve in sterile deionized water.                                                                                                                                                                                                                  |
| Shipping            | The product is shipped with blue ice                                                                                                                                                                                                                                         |
| Storage & Stability | 36 months at -20°C to -80°C in lyophilized state<br>6 months at -20°C to -80°C under sterile conditions after reconstitution<br>7-10 days at 2°C to 8°C under sterile conditions after reconstitution<br>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

## Data:

### Bioactivity



Measured in a cell proliferation assay using M-NFS-60 cells