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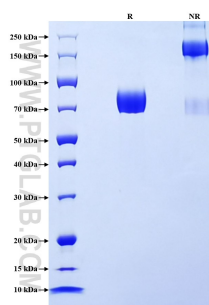
# Recombinant Mouse CSF2RA/CD116 protein (rFc Tag)



Catalog Number: Eg2016

| Basic Information        | Species:<br>Mouse   | Purity:<br>>90 %, SDS-PAGE | Tag:<br>rFc Tag |
|--------------------------|---|----------------------------|-----------------|
| Technical Specifications | <p><b>Purity:</b><br/>&gt;90 %, SDS-PAGE</p> <p><b>Endotoxin Level:</b><br/>&lt;0.1 EU/ <math>\mu</math>g protein, LAL method</p> <p><b>Source:</b><br/>HEK293-derived Mouse CSF2RA protein Leu30-Pro327 (Accession# Q00941) with a rabbit IgG Fc tag at the C-terminus.</p> <p><b>GeneID:</b><br/>12982</p> <p><b>Accession:</b><br/>Q00941</p> <p><b>Predicted Molecular Mass:</b><br/>58.3 kDa</p> <p><b>SDS-PAGE:</b><br/>68-90 kDa, reducing (R) conditions</p> <p><b>Formulation:</b><br/>Lyophilized from 0.22 <math>\mu</math>m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p> |                            |                 |
| Biological Activity      | Not tested  |                            |                 |
| Storage and Shipping     | <p><b>Storage:</b><br/>It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"><li>• Until expiry date, -20°C to -80°C as lyophilized proteins.</li><li>• 3 months, -20°C to -80°C under sterile conditions after reconstitution.</li></ul> <p><b>Shipping:</b><br/>The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>   |                            |                 |
| Reconstitution           | Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.   |                            |                 |
| Background               | CD116, also named as CSF2RA, CDw116, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMCSFR and GMR, is a low affinity receptor for granulocyte-macrophage colony-stimulating factor. CD116 transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.   |                            |                 |
| References               | <ol style="list-style-type: none"><li>1. M Dabusti, et al. (2001) J Biol Regul Homeost Agents. Jan-Mar;15(1):86-9.</li><li>2. Rongzhong Huang, et al. (2020) Can J Cardiol. Nov;36(11):1782-1794.</li></ol>   |                            |                 |
| Synonyms                 | CD116, Csf2ra, Csfgmra, GM-CSF-R-alpha, GMCSFR-alpha  |                            |                 |

## Selected Validation Data



Purity of Recombinant Mouse CSF2RA was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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