
Product Data Sheet

Product Name: CSF2RA Human
 Cat. No.: GP20143
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD116; CDw116; CSF2R; GM-CSF-R-alpha; GMCSFR; GMR; SMDP4;GMR-alpha; CD116 Antigen; CSF2RAX; CSF2RY; CSF2RAY; CSF2RX; Colony StimulatingFactor 2 Receptor Alpha Subunit; GM-CSF Receptor Alpha Subunit; Granulocyte-MacrophageColony-Stimulating Factor Receptor Alpha Chain; Granulocyte-MacrophageColony-Stimulating Factor Receptor Subunit Alpha.		
Formulation	CSF2RA protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

Introduction

GM-CSF Receptor Alpha (CSF2RA) is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. CSF2R is also a member of the cytokine family of receptors. In addition, this gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding various isoforms have been found for this gene, while some of the isoforms being membrane-bound and others being soluble. Diseases associated with CSF2RA include surfactant metabolism dysfunction, pulmonary 4, and csf2ra-related pulmonary surfactant metabolism dysfunction.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

CSF2RA Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 324 amino acids (20-320 a.a) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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of 37.2kDa.

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