

RPES8285

Product Information

| | | | | | |
|---------------------|----------|-------------------------|-----------|-------------------|--------|
| Product SKU: | RPES8285 | Expression Host: | Mammalian | Size: | 20µg |
| Tag: | C-Fc | Reactivity: | Human | Accession: | P04141 |

Additional Information

| | | | |
|-----------------------|--------------|---------------------|-----------|
| Calculated MW: | 38.9 kDa | Observed MW: | 45-55 kDa |
| Sequence: | Ala18-Glu144 | | |

Protein Information

Background: The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q-syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13.

Synonyms: Colony stimulating factor 2 (granulocyte-macrophage), Colony Stimulating Factor 2, Colony stimulating factor, Colony-stimulating factor, CSF 2, CSF, CSF2, CSF2, GM-CSF, GMCSF, Granulocyte Macrophage Colony Stimulating Factor, Granulocyte-macrophage colony-stimulating factor, MGC131935, MGC138897, MG11GM, Molgramostin, Pluripoietin-a, Sargramostim

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.