

Recombinant Pig Colony Stimulating Factor 2 (granulocyte-macrophage)

Cat. No. CSF2-374P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantPig CSF2 was expressed in HEK293T cells.
Species	Pig
Source	HEK293
Description	CSF2 is a cytokinethat functions as a white blood cell growth factor. CSF2 stimulates stemcells to produce granulocytes (neutrophils, eosinophils, and basophils) andmonocytes. Monocytes exit the circulation and migrate into tissue, whereuponthey mature into macrophages. Thus, it is part of the immune/inflammatorycascade, by which activation of a small number of macrophages can rapidlylead to an increase in their numbers, a process crucial for fightinginfection.
Form	TissueCulture Supernatant from HEK293T cells expressing recombinant Porcine CSF2- lyophilized.
Application	ELISA; FunctionalAssays
Buffer Solution	1% Bovine SerumAlbumin.
Storage	Prior toreconstitution store at +4°C. Store at -70°C. Storagein frost-free freezers is not recommended. This product should be storedundiluted. Avoid repeated freezing and thawing as this may denature theantibody. Should this product contain a precipitate we recommendmicrocentrifugation before use.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

nullValue_other

Pathways

Cytokine-cytokine receptor interaction; Fc epsilon RI signaling pathway; Hematopoietic cell lineage; Jak-STAT signaling pathway; Natural killer cell mediated cytotoxicity; T cell receptor signaling pathway

GENE INFORMATION

Gene Name CSF2 colony stimulating factor 2 (granulocyte-macrophage) [Sus scrofa]

Official Symbol CSF2

Synonyms CSF2; colony stimulating factor 2 (granulocyte-macrophage); GM-CSF; granulocyte-macrophage colony-stimulating factor; CSF; colony-stimulating factor; Granulocyte-macrophage colony-stimulating factor; Colony-stimulating factor

Gene ID 397208

mRNA Refseq NM_214118

Protein Refseq NP_999283

UniProt ID Q29118

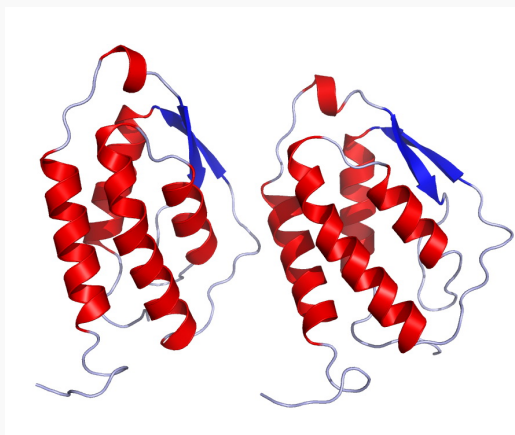
Chromosome Location 2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering
based on 2gmf.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA