

Recombinant Pig Colony Stimulating Factor 2 (granulocyte-macrophage)

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

SPECIFICATION

Product Overview	Recombinant Pig CSF2 was expressed in HEK293T cells.
Species	Pig
Source	HEK293
Description	CSF2 is a cytokine that functions as a white blood cell growth factor. CSF2 stimulates stem cells to produce granulocytes (neutrophils, eosinophils, and basophils) and monocytes. Monocytes exit the circulation and migrate into tissue, whereupon they mature into macrophages. Thus, it is part of the immune/inflammatory cascade, by which activation of a small number of macrophages can rapidly lead to an increase in their numbers, a process crucial for fighting infection.
Form	Tissue Culture Supernatant from HEK293T cells expressing recombinant Porcine CSF2- lyophilized.
Application	ELISA; Functional Assays
Buffer Solution	1% Bovine Serum Albumin.
Storage	Prior to reconstitution store at +4°C. Store at -70°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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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

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PDB rendering
based on 2gmf.

