

## Recombinant Human CD115 Protein

Catalog #	Source	Reactivity	Applications
CRP2587	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human CD115 Protein is produced by mammalian expression system and the target gene encoding Ile20-Pro517 is expressed with a 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Gene Symbol** CSF1R

**Alternative Names** FMS; Macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1-R; CSF-1R; M-CSF-R; Proto-oncogene c-Fms; CD115

**Entrez Gene** 1436 (Human)

**SwissProt** P07333 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** IPVIEPSVPE LVVKPGATVT LRCVGNNGSVE WDGPPSPHWT LYSDGSSSIL STNNATFQNT  
 GTYRCTEPGD PLGGSAAIHL YVKDPAWPVN VLAQEVVVF E DQDALLPCLL TDPVLEAGVS  
 LVRVRGRPLM RHTNYSFSPW HGFTIHRAKF IQSQDYQCSA LMGGRKVM SI SIRLKVQKVI  
 PGPPALTLVP AELVRIRGEA AQIVCSASSV DVNFDVFLQH NNTKLAIPQQ SDFHNNRYQK  
 VLTLNLDQVD FQHAGNYSCV ASNVQGKHST SMFFRVVESA YLNLSSSEQNL IQEVTVGEGL  
 NLKVMVEAYP GLQGFNWTYL GPFSDHQPEP KLANATTKDT YRHTFTLSLP RLKPEAGRY  
 SFLARNPGGW RALTFELTLR YPPEVSVIWT FINGSGTLLC AASGYPQPNV TWLQCSGHTD  
 RCDEAQLVQV WDDPYPEVLS QEPFHKVTVQ SLLTVETLEH NQTYECRAHN SVGSGSWAFI  
 PISAGAHTHP PDEFLFTPHH HHHH

**Quality Control** Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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## Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

### Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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