

CSF1R Protein, Human (HEK293, hFc)

Cat. No.:	HY-P72949
Synonyms:	Macrophage colony-stimulating factor 1 receptor; CSF-1R; M-CSF-R; CD115; CSF1R; FMS
Species:	Human
Source:	HEK293
Accession:	P07333 (M1-E512)
Gene ID:	1436
Molecular Weight:	Approximately 81.2 kDa

PROPERTIES

AA Sequence

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M G P G V L L L L L   V A T A W H G Q G I   P V I E P S V P E L   V V K P G A T V T L
R C V G N G S V E W   D G P P S P H W T L   Y S D G S S S I L S   T N N A T F Q N T G
T Y R C T E P G D P   L G G S A A I H L Y   V K D P A R P W N V   L A Q E V V V F E D
Q D A L L P C L L T   D P V L E A G V S L   V R V R G R P L M R   H T N Y S F S P W H
G F T I H R A K F I   Q S Q D Y Q C S A L   M G G R K V M S I S   I R L K V Q K V I P
G P P A L T L V P A   E L V R I R G E A A   Q I V C S A S S V D   V N F D V F L Q H N
N T K L A I P Q Q S   D F H N N R Y Q K V   L T L N L D Q V D F   Q H A G N Y S C V A
S N V Q G K H S T S   M F F R V V E S A Y   L N L S S E Q N L I   Q E V T V G E G L N
L K V M V E A Y P G   L Q G F N W T Y L G   P F S D H Q P E P K   L A N A T T K D T Y
R H T F T L S L P R   L K P S E A G R Y S   F L A R N P G G W R   A L T F E L T L R Y
P P E V S V I W T F   I N G S G T L L C A   A S G Y P Q P N V T   W L Q C S G H T D R
C D E A Q V L Q V W   D D P Y P E V L S Q   E P F H K V T V Q S   L L T V E T L E H N
Q T Y E C R A H N S   V G S G S W A F I P   I S A G A H T H P P   D E
  
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Biological Activity Measured by its ability to inhibit the human CSF-induced proliferation of M \times NFS \times 60 mouse myelogenous leukemia lymphoblast cells and the ED₅₀ is typically 0.05-0.3 μ g/mL in the presence of 3 ng/mL of human M-CSF.

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Endotoxin Level <1 EU/ μ g, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH₂O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

Storage & Stability Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping Room temperature in continental US; may vary elsewhere.

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

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