

Recombinant Human Csf1r Protein, His-tagged

Cat. No. Csf1r-774H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Csf1r protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
Description	Enables several functions, including macrophage colony-stimulating factor receptor activity; protein homodimerization activity; and protein phosphatase binding activity. Involved in several processes, including nervous system development; positive regulation of protein phosphorylation; and protein phosphorylation. Located in cell surface and plasma membrane. Part of CSF1-CSF1R complex. Is expressed in several structures, including alimentary system; central nervous system; extraembryonic component; genitourinary system; and limb. Human ortholog(s) of this gene implicated in adult-onset leukoencephalopathy with axonal spheroids and pigmented glia and renal cell carcinoma. Orthologous to human CSF1R (colony stimulating factor 1 receptor).
Form	Lyophilized
Molecular Mass	109 kDa
AA Sequence	MGTATRRKPHLLLVAVALVSSSAWSSALGSQTTFGPVFEDQPLSVLFPEESTEEQ VLLACRARASPPATYRWKMNGTEMKLEPGSRHQLVGGNLVIMNPTKAQDAGVYQC LASNPVGTVVSREAILRFGFLQEFSKEERDPVKAHEGWGVMLPCNPPAHYPGLSYR WLLNEFPNFIPTDGRHFVSQTTGNLYIARTNASDLGNYSCLATSHMDFSTKSVFSKF

 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

AQLNLAAEDTRLFAPSIKARFPAETYALVGQQVTLECFAGNPVPRIKWRKVDGSLS
PQWTTAEPTLQIPSVSFEDEGTYECEAENSKGRDTVQGRIIVQAQPEWLKVISDTEA
DIGSNLRWGCAAAGKPRPTVRWLRNGEPLASQNRVEVLAGDLRFSKLSLEDSEMY
QCVAENKHGTIYASAELAVQALAPDFRLNPVRRLLIPAARGGEILIPCQPRAAPKAVVL
WSKGTEILVNSSRVTVTPDGTLIIRNISRSDEGKYTCFAENFMGKANSTGILSVRDAT
KITLAPSSADINLGDNLTLQCHASHDPTMDLTFTWTLDDFPIDFDKPGGHYRRTNVK
ETIGDLTILNAQLRHGGKYTCMAQTVVDSASKEATVLVRGPPGPPGGVVVRDIGDTT
IQLSWSRGFDNHSPIAKYTLQARTPPAGKWKQVRTNPANIEGNAETAQVLGLTPWM
DYEFRVIASNILGTGEPSPSSKIRTREAAPSVAPSGLSGGGGAPGELIVNWTTPMSR
EYQNGDGFYLLSFRRQGSTHWQTARVPGADAQYFVYSNESVRPYTPFEVKIRSY
NRRGDGPESLTALVYSAEEEEPRVAPTKVWAKGVSSSEMNVTWEPVQQDMNGILLG
YEIRYWKAGDKEAAADRVRTAGLDTSARVSGLHPNTKYHVTVRAYNRAGTGPASPS
ANATTMKPPRRPPGNISWTFSSSSLSIKWDPVVPFRNESAVTGYKMLYQNDLHLT
PTLHLTGKNWIEIPVPEDIGHALVQIRTTGPGGDGIPAEVHIVRNGGTSMNVENMAV
RPAPHPGTVISHSVAMLILIGSLEL

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution

Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Csf1r colony stimulating factor 1 receptor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Csf1r
Synonyms	CSF1R; colony stimulating factor 1 receptor; macrophage colony-stimulating factor 1 receptor; c-fms; CSF-1-R; CSF-1 receptor; proto-oncogene fms; proto-oncogene c-Fms; Fms; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R; AI323359;
Gene ID	12978
mRNA Refseq	NM_001037859
Protein Refseq	NP_001032948
UniProt ID	P09581

 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