

RPA090Hu01 50µg
Recombinant Colony Stimulating Factor 1, Macrophage (MCSF)
Organism Species: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Glu33~Ser496

Tags: Two N-terminal Tags, His-tag and GST-tag

Tissue Specificity: Kidney, Placenta.

Subcellular Location: Cell membrane; Single-pass type I membrane protein.

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.0

Predicted Molecular Mass: 80.2kDa

Accurate Molecular Mass: 80kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for two years.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

			EEVSEYCS	HMIGSGHLQS
LQRLIDSQME	TSCQITFEFV	DQEQLKDPVC	YLKKAFLLVQ	DIMEDTMRFR
DNTPNAIAIV	QLQELSLRLK	SCFTKDYEEH	DKACVRTFYE	TPLQLLEKVK
NVFNETHKNLL	DKDWNIFSKN	CNNSFAECSS	QDVVTKPDCN	CLYPKAIPSS
DPASVSPHQP	LAPSMAPVAG	LTWEDSEGTE	GSSLLPGEQP	LHTVDPGSAK
QRPPRSTCQS	FEPPETPVVK	DSTIGGSPQP	RPSVGAFNPG	MEDILDSAMG
TNWPVEEASG	EASEIPVPQG	TELSPSRPGG	GSMQTEPARP	SNFLSASSPL
PASAKGQQPA	DVTGTALPRV	GPVRPTGQDW	NHTPQKTDHP	SALLRDPPEP
GSPRISSLRP	QGLSNPSTLS	AQPQLSRSHS	SGSVLPLGEL	EGRRSTRDRR
SPAEEPPGPA	SEGAARPLPR	FNSVPLTDTG	HERQSEGSFS	PQLQES

[IDENTIFICATION]

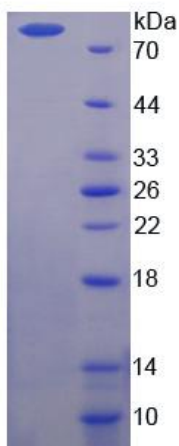


Figure 1. SDS-PAGE