



# Recombinant Colony Stimulating Factor Receptor, Macrophage (MCFSR)

Catalog No.: TP08903

10µg

## Sequence Information

**Species:** Mouse

**Gene ID:**12978

**Swiss Prot:**P09581

**Synonyms:**CD115

**Residues:**Gly639~Lys868

GQHENIVNLLGACTHGGPVLVITEYCCYGDLLNFLRRKAEAMLGPSLSPGQDSEGSSYKNIHLEK  
KYVRRDSGFSSQGVDTYVEMRPVSTSSSDSFFKQDLDEASRPLELWDLLEHFSSQVAQGMFLASK  
NCIHRDVAARNVLLTSGHVAKIGDFGLARDIMNDSNYVVKGNARLPVKWMAPESEIFDCVYTVQSDV  
WSYGILLWEIFSLGLNPYPGILVNNKFYKLVK

## Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:** N-terminal His-Tag

**Tissue Specificity:** Kidney.

**Subcellular Location:** Secreted, extracellular space, extracellular matrix.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, 5%Trehalose.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

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

**Predicted isoelectric point:** 6.4

**Predicted Molecular Mass:** 26.9kDa

**Accurate Molecular Mass:** 26kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-0.5mg/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  $-80^{\circ}\text{C}$  for 12 months.

**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  $37^{\circ}\text{C}$  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.

## [ IDENTIFICATION ]

Figure 1. Gene Sequencing (Extract)

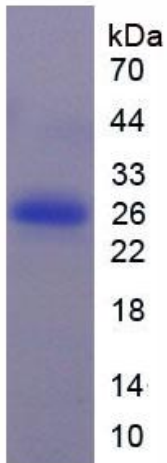


Figure 2. SDS-PAGE

## [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.