Recombinant Human CD44/MIC4 Protein

Catalog No.：OM770165

Sequence Information

Species： Human

Gene ID:960

Swiss Prot:P16070

Synonyms: CD44 Antigen; CDw44; Epican; Extracellular Matrix Receptor III; ECMR-III; GP90 Lymphocyte Homing/Adhesion Receptor; HUTCH-I; Heparan Sulfate Proteoglycan; Hermes Antigen; Hyaluronate Receptor; Phagocytic Glycoprotein 1; PGP-1; Phagocytic Glycoprotein I;

Residues: Gln21-Pro220

QIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSIGF

ETCRYGFIEGHVVIPRIHPNSICAANNTGVYILTSNTSQYDTYCFNASAPPEED

CTSVTDLPNAFDGPITITIVNRDGTRYVQKGEYRTNPEDIYPSNPTDDDVSSGS

SSERSSTSGGYIFYTFSTVHPIPDEDSPWITDSTDRIP

Product Information

Source: Eukaryotic expression.

Host: *293F cell*

Tags: C-terminal His-Tag

Subcellular Location: Membrane.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 1000μg/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: 4.3

Predicted Molecular Mass: 23.1kDa

Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH_2O to a concentration of 0.1-0.5 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 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°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]

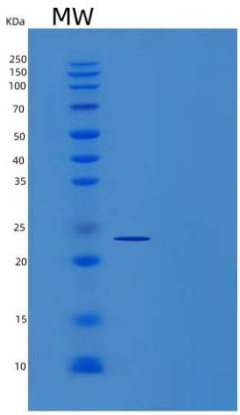


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

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