Rat CD23 Recombinant Protein

Catalog No.: OM770471

Sequence Information

Species: Rat **Gene ID:**2208

Swiss Prot: Q63097 **Synonyms:**LAST-2; CD23; CD23A

Residues: Trp150-Pro309

WIEILMSKGTACNVCPKDWLHFQQKCYYFGEGSKQWIQAKFTCSDLEGRLVSIHSQKEQDF
LMQHINKKESWIGLQDLNMEGEFVWPDGSPVGYSNWNPGE PNNGGQGEDC VMMRGSGQ
WN DAFCRSYLDAWVCEQLATCDLSAPLASVTPTGPTPKNEP

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

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: 4.76

Predicted Molecular Mass: 38kDa

Accurate Molecular Mass: 38kDa 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]

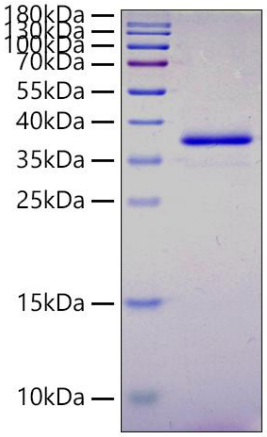


Figure 1. SDS-PAGE

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IL1 bete at 10μg/mL (100 μL/well) can bind Recombinant Human IL-1RII with a linear range of 0.24-7.73ng/mL.

[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.