Human CD45RA Recombinant protein

Catalog No.: OM770640

Sequence Information

Species: Human **Gene ID:**5788

Swiss Prot:P08575 **Synonyms:** L-CA CD45 T200 PTPRC B220 CD45R GP180 LCA LY5 EC 3.1.3.48

Residues: Gln26-Lys482

QSPTPSPTGLTTAKMPSVPLSSDPLPTHTTAFSPASTFERENDFS ETTTSLSPDN TSTQVSPDSL DNASAFNTTG VSSVQTPHLPTHADSQTPSAGTDTQTFSGSAANAKLNPTP GSNAISDVPG ERSTASTFPTDPVSPLTTTL SLAHHSSAALPARTSNTTITANTSDAYLNASETTTLSPSG SAVISTTTIATTPSKPTCDE KYANITVDYLYNKETKLFTA KLNVNENVECGNNTCTNNEVHNLTECKNAS VSISHNSCTA PDKTLILDVPPGVEKFQLHD CTQVEKADTT ICLKWKNIETFTCDTQNITYRFQCGNMIFDNKEIKLENLEPEHEYKCDSE ILYNNHKFTN ASKIIKTDFG SPGEPQIIFC RSEAAHQGVITWNPPQRSFHNFTLCYIKET EKDCLNLDKN LIKYDLQNLK PYTKYVLSLH AYIIAKVQRN GSAAMCHFTTKS

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: 5.52

Predicted Molecular Mass: 49.7kDa

Accurate Molecular Mass: 55kDa 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]

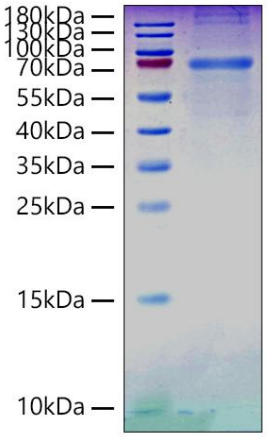


Figure 1. SDS-PAGE

[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.