

PRODUCT DATA SHEET

CD5 Antigen-Like Human E. coli

Cat. No.: RD172328100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Apoptosis inhibitor expressed by macrophages, CT-2, IgM-associated peptide, SP-alpha, CD5L, API6, UNQ203/PRO229, AIM

Description:

Total 337 AA. MW: 37.2 kDa (calculated). UniProtKB acc.no. O43866 (Ser20-Gly347). N-terminal His-tag (9 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MKHHHHHHAS P SGVRLVGG L HRCEGRVEVE QKGQWGTVCD DGWDIKDVAV LCRELGCGAA
SGTPSGILYE PPAEKEQKVL IQSVSCTGTE DTLAQCEQEE VYDCSHDEDA GASCENPESS
FSPVPEGVRL ADGPGHCKGR VEVKHQNQWY TVCQTGWSLR AAKVVCRQLG CGRAVLTQKR
CNKHAYGRKP IWLSQMSCSG REATLQDCPS GPWGKNTCNH DEDTWVECED PFDLRLVGGD
NLCSGRLEVL HKGVWGSVCD DNWGEKEDQV VCKQLGCGKS LSPSFRDRKC YGPGVGRIWL
DNVRCSGEEQ SLEQCQHREW GFHDCTHQED VAVICSG

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/mL solution in 50 mM Tris buffer, pH 8.6

Reconstitution:

Add 200 μl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.