

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 DGWDIKDVA V LCRELGCGAA
SGTPSGILYE P PAEKEQKVL IQSVSCTGTE DTLAQCEQEE VYDCSHDEDA GASCENPESS
FSPVPEGVRL A DGP GHCKGR VEVKHQNQWY TVCQTGWSLR AAKVVCRQLG CGRAVLTQKR
CNKHAYGRKP I WLSQMSCSG REATLQDCPS GPWGKNTCNH DEDTWVECED PFDLRLVGGD
NLCSGRLEVL H KGVWGSVCD DNWGEKEDQV VCKQLGCGKS LSPSFRDRKC YGPGVGRIWL
DNVRCSGEEQ S LEQCQHRE W 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.