Interleukin-33 Human E.coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: IL-33, DVS27-related protein, IL1F11

Cat. No.:
RD172203100 (0.1 mg)

Description

Total 169 AA. MW: 19,2 kDa (calculated). UniProtKB acc.no. O95760. N-Terminal His-tag, 10 extra AA (highlighted).

Research topic

Cardiovascular disease, Cytokines and chemokines and related molecules, Energy metabolism and body weight regulation, Oncology

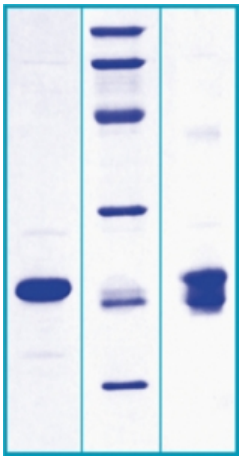
Amino Acid Sequence

MKHHHHHHAS SITGISPITE YLASLSTYND QSITFALEDE SYEIYVEDLK KDEKKDKVLL SYYESQHPSN ESGDGVDGKM LMVTLSPTKD FWLHANNKEH SVELHKCEKP LPDQAFFVLH NMHSNCVSFE CKTDPGVFIG VKDNHLALIK VDSSENLCTE NILFKLSET

Source

E. coli

SDS-PAGE gel



14% SDS-PAGE separation of Human Interleukin-33
1. reduced and heated sample, 5µg / lane
2. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
3. non-reduced and non-heated sample, 5µg / lane

Formulation

Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

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

Storage, Stability/Shelf Life

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°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 limited period of time; it does not show any change after one week at 4°C.

Quality Control Test

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.

Applications

Western blotting

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