IL-33 (rat), (recombinant)

IL-33 is a member of the IL-1 family. It is involved in T helper type 2 response via the activation of its receptor ST2 (IL-1RL1) driving the production of Th2-associated cytokines. The stimulation of ST2 by IL-33 induces the NF-κB and MAPK pathways. The human IL-33 protein is expressed with a prodomain (aa 1-111) which is cleaved by caspase-1 to produce the 18kDa mature protein (112-270).

Citations: 1 View Online »

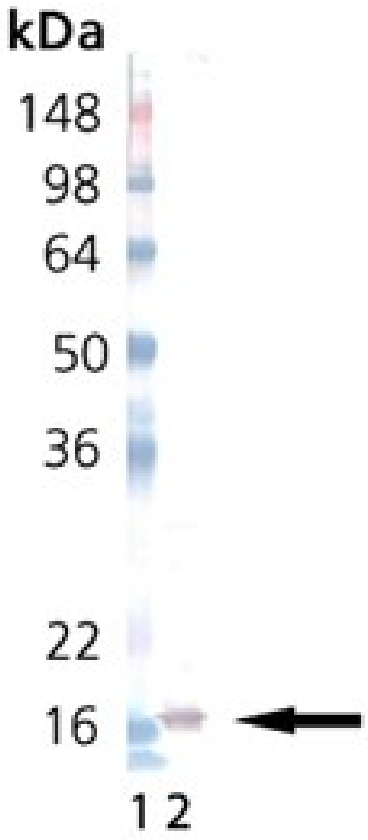
Ordering Information

Order Online »

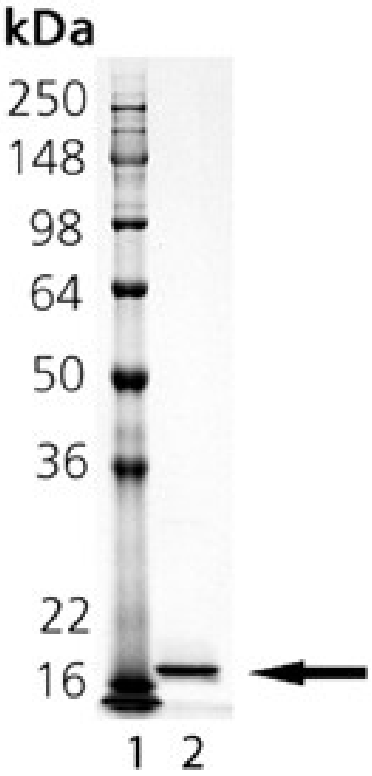
ALX-522-125-C010	10µg

Manuals, SDS & CofA

View Online »



Western Blot analysis: Lane 1: MW Marker; Lane 2: 100ng of purified IL-33 (rat), (recombinant) protein probed with IL-33 pAb (Prod. no. ALX-210-933) at 0.5µg/ml.



SDS-PAGE analysis: Lane 1: MW Marker; Lane 2: 1.0µg of purified IL-33 (rat), (recombinant).

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Interleukin-33, NF-HEV, IL-1F11
Concentration	0.1mg/ml after reconstitution.
Endotoxin Content	<0.1EU/µg purified protein (LAL test; Cape Cod Associates).
Formulation	Lyophilized. Contains PBS.
MW	~16kDa
Purity	≥95% (SDS-PAGE)
Reconstitution	Reconstitute with 100µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum.
Source	Produced in *E. coli*. Untagged rat IL-33 (aa 109-264).
UniProt ID	Q66H70

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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