

Product datasheet

Recombinant mouse IL-11 protein (Active) ab269191

[2 Images](#)

Description

Product name	Recombinant mouse IL-11 protein (Active)	
Biological activity	B9 cell proliferation ED ₅₀ ≤ 250 ng/mL (≥ 4.0 × 10 ³ units/mg).	
Purity	> 95 % SDS-PAGE. NULL	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Escherichia coli	
Accession	P47873	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	MPGPPAGSPR VSSDPRADLD SAVLLTRSLL ADTRQLAAQM RDKFPADGDH SLDSLPTLAM SAGTLGSLQL PGVLTRLRVD LMSYLRHVQW LRRAGGPSLK TLEPELGALQ ARLERLLRRL QLLMSRLALP QAAPDQPVIP LGPPASAWGS IRAAHAILGG LHLLTDWAVR GLLLLKTRL	
Predicted molecular weight	21 kDa	
Amino acids	22 to 199	
Additional sequence information	Mature chain	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab269191** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at Room Temperature. Upon delivery aliquot. Store at -20°C or -80°C. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C..

Constituent: 0.1% Trifluoroacetic acid

Lyophilized from

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Sterile 10 mM acetic acid at 0.1 mg/mL

General Info

Function

Directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production.

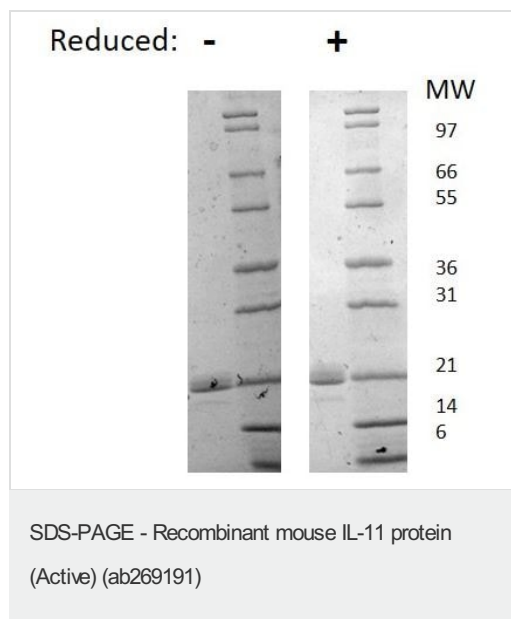
Sequence similarities

Belongs to the IL-6 superfamily.

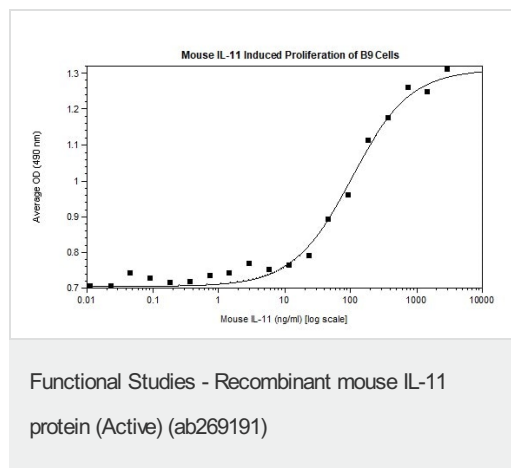
Cellular localization

Secreted.

Images



SDS-PAGE analysis of ab269191 at 1ug/lane under (-) non-reducing and (+) reducing conditions. 4-20% Tris glycine gel. Stained with coomassie blue.



Biological activity graph of ab269191

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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