

Product datasheet

Recombinant mouse IL-11 protein ab200279

Description

Product name	Recombinant mouse IL-11 protein	
Biological activity	The ED ₅₀ as determined by the dose-dependant stimulation of the proliferation of mouse T11 was found to be less than 2.0 ng/mL, corresponding to a specific activity of 5 x 10 ⁵ IU/mg.	
Purity	> 97 % SDS-PAGE.	
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	MPGPPAGSPRVSSDPRADLDSAVLLTRSLADTRQLAAQ MRDKFPADGDH SLDSLPTLAMSAGTLGSLQLPGVLTSLRVDLMSYLRHVQ WLRRAGGPSLK TLEPELGALQARLERLLRRLQLLMSRLALPQAAPDQPVIPL GPPASAWGS IRAAHAILGG LHLTLDWAVR GLLLLKTRL	
Predicted molecular weight	19 kDa	
Amino acids	22 to 199	
Additional sequence information	Mature protein without signal peptide.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab200279** in the following tested applications.

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

Applications	SDS-PAGE Functional Studies HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 100% PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 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.

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

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