

Product datasheet

Recombinant mouse IL-7 protein ab9733

1 References

Description

Product name	Recombinant mouse IL-7 protein	
Purity	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).	
Expression system	Escherichia coli	
Accession	P10168	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	MECHIKDKEGKAYESVLMISIDELDKMTGTDSNCPNNEPN FFRKHVCDT KEAAFLNRAARKLKQFLKMNISEEFNVHLLTVSQGTQTLV NCTSKEEKNV KEQKKNDACFLKRLREIKTCWNKILKGS	
Predicted molecular weight	20 kDa	
Amino acids	26 to 154	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab9733** 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
Additional notes	The ED ₅₀ , determined by the dose-dependent stimulation of the proliferation of murine IXN/2B cells, is < 0.2 ng/ml, corresponding to a specific activity of > 5 x 10 ⁶ units/mg.

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

Reconstitution

For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function	Hematopoietic growth factor capable of stimulating the proliferation of lymphoid progenitors. It is important for proliferation during certain stages of B-cell maturation.
Sequence similarities	Belongs to the IL-7/IL-9 family.
Cellular localization	Secreted.

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

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