

## Product datasheet

# Recombinant Mouse IL2 Receptor beta/p75 protein (His tag) ab226879

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Mouse IL2 Receptor beta/p75 protein (His tag)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Yeast
<b>Accession</b>	<b><u>P16297</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Mouse
<b>Sequence</b>	AVKNCSHLECFYNSRANVSCMWSHEEALNVTTCCHVHAK SNLRHWNKTCCEL TLVRQASWACNLILGSPESQSLTSVDLLDINVVCWEEKG WRRVKTCDFH PFDNLRRLVAPHSLQVLHIDTQRCNISWKVSQVSHYIEPYLE FEARRRLLG HSWEDASVLSLKQRQQWLFLEMLIPSTSYEVQVRVKAQR NNTGTWSPWSQ PLTFRTRPADPMKE
<b>Predicted molecular weight</b>	27 kDa including tags
<b>Amino acids</b>	27 to 240
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	Extracellular domain.

### Specifications

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Our **Abpromise guarantee** covers the use of **ab226879** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as IL2 Receptor beta

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  
pH: 7.20  
Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

## General Info

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**Function** Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2.

**Sequence similarities** Belongs to the type I cytokine receptor family. Type 4 subfamily.  
Contains 1 fibronectin type-III domain.

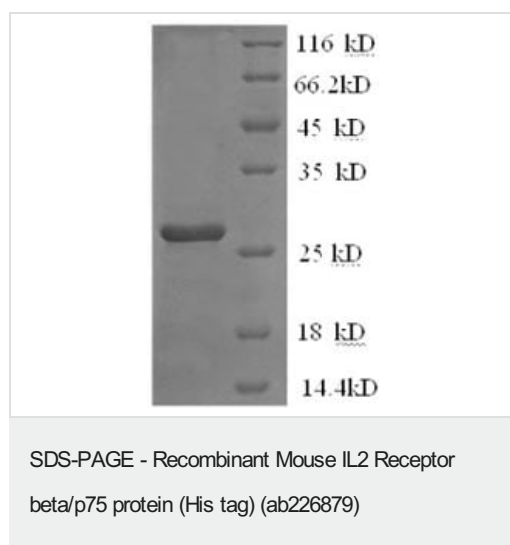
**Domain** The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.  
The box 1 motif is required for JAK interaction and/or activation.

**Cellular localization** Membrane.

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## Images

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab226879 with 5% enrichment gel and 15% separation gel.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
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