

Datasheet for ABIN5509807

IL-2 Protein**2** Images[Go to Product page](#)

Overview

Quantity:	5 µg
Target:	IL-2 (IL2)
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Characteristics:	Recombinant Rat IL2
Purity:	>95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU of endotoxin/µg of protein

Target Details

Target:	IL-2 (IL2)
Alternative Name:	IL2 (IL2 Products)
Molecular Weight:	15,6
Gene ID:	116562
UniProt:	P17108
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of

Target Details

Immune Effector Process, Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation

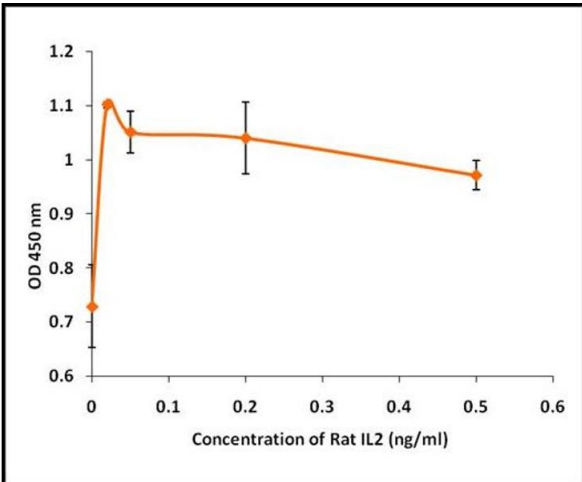
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

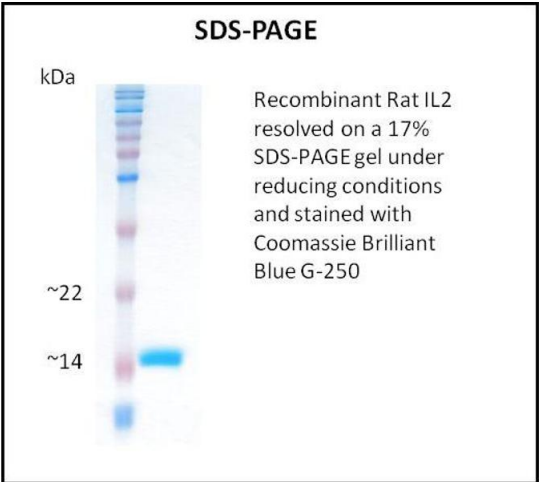
Format:	Lyophilized
Reconstitution:	A quick spin of the vial followed by reconstitution in sterile distilled water to a concentration not less than 0.1 mg/mL is recommended. Please note, filter sterilization is a must following reconstitution. This solution can then be diluted into other buffers.
Storage:	4 °C,-20 °C
Storage Comment:	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

Images



Activity Assay

Image 1.



SDS-PAGE

Image 2.