

Datasheet for ABIN7607470

IL-15 Protein (AA 49-162) (His tag)



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Overview

Quantity:	50 µg
Target:	IL-15 (IL15)
Protein Characteristics:	AA 49-162
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL-15 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse IL15 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using mouse T cells (HT-2). The ED50 for this effect is 15-58 ng/mL, corresponding to a specific activity of 1.72×10^4 - 6.67×10^4 units/mg.

Target Details

Target:	IL-15 (IL15)
Alternative Name:	IL15 (IL15 Products)

Target Details

Background:	IL15, IL-15, Interleukin-15,
UniProt:	P48346
Pathways:	JAK-STAT Signaling , Glycosaminoglycan Metabolic Process

Application Details

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

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months