

Datasheet for ABIN7607299
IL-7 Protein (AA 26-154)



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Overview

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|--------------------------|-------------------------------------------------------------------------------------|
| Quantity: | 50 µg |
| Target: | IL-7 (IL7) |
| Protein Characteristics: | AA 26-154 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA) |

Product Details

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|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Recombinant Mouse IL7 Protein, No tag (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 antibody against CD3-activated human peripheral blood mononuclear cell (PBMC). The ED50 for this effect is typically 0.4-4 ng/mL. |

Target Details

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| Target: | IL-7 (IL7) |
| Alternative Name: | IL-7 (IL7 Products) |
| Background: | IL-7, Interleukin-7, IL7, |

Target Details

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| UniProt: | P10168 |
| Pathways: | JAK-STAT Signaling |

Application Details

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

Handling

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| 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 |