

Datasheet for ABIN7607462

IL23A Protein (His tag)



[Go to Product page](#)

Overview

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| Quantity: | 50 µg |
| Target: | IL23A |
| Origin: | Mouse |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This IL23A protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA) |

Product Details

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| Purpose: | Recombinant Mouse IL23 Protein, C-His (Active) |
| Sequence: | IL23 [Met23-Ser335] & IL12B [Leu20-Ala196] |
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | <0.1 EU/µg of the protein by the LAL method. |
| Biological Activity Comment: | Measured by its ability to induce IL-17 secretion by mouse splenocytes. The ED50 for this effect is 0.05-0.25 ng/mL. |

Target Details

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| Target: | IL23A |
| Alternative Name: | SGRF (IL23A Products) |

Target Details

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| Background: | SGRF, IL-23-A, IL-23 subunit alpha, Interleukin-23 subunit p19, IL23A, Interleukin-23 subunit alpha, IL-23p19, IL-12 subunit p40, IL12B, Interleukin-12 subunit beta, IL-12B, CLMF p40, NKSF2, NK cell stimulatory factor chain 2, Cytotoxic lymphocyte maturation factor 40 kDa subunit |
| UniProt: | Q9EQ14 , P43432 |
| Pathways: | Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation |

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 |