

Datasheet for ABIN5505700

IL23A Protein**1** Image[Go to Product page](#)

Overview

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|----------------------|--|
| Quantity: | 10 µg |
| Target: | IL23A |
| Origin: | Mouse |
| Source: | Insect Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Application: | Antibody Production (AbP), Standard (STD), Protein Interaction (PI), Functional Studies (Func) |

Product Details

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|------------------------------|--|
| Specificity: | Optimal preservation of protein structure, post-translational modifications and functions. |
| Characteristics: | <ul style="list-style-type: none">• Recombinant human Interleukin-23 alpha / IL23A protein expressed in Insect cells.• Produced with end-sequenced ORF clone• Tested for bioactivity. |
| Purity: | Purity is > 95 % , as determined by Coomassie stained SDS-PAGE. |
| Endotoxin Level: | Less than 0.01 ng per µg protein as determined by the LAL method. |
| Biological Activity Comment: | The ED50 is 0.5 - 0.8 ng/ml, corresponding to a specific activity of 1.25-2.0 x 10 ⁶ units/mg, determined by mouse splenocytes IL-17A secretion induced by mIL-23 in a dose dependent manner. Under this assay, the bioactivity is equivalent |

Target Details

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|---------|-------|
| Target: | IL23A |
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Target Details

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|-------------------|---|
| Alternative Name: | Interleukin-23 alpha / IL23A (IL23A Products) |
| Molecular Weight: | 55.4 kDa |
| NCBI Accession: | NP_112542 |
| Pathways: | Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation |

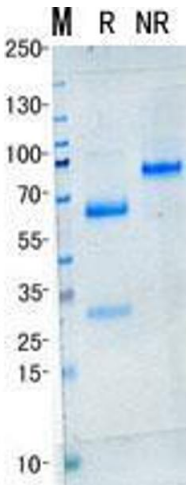
Application Details

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| Application Notes: | Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | > 50 µg/mL |
| Buffer: | 1 x PBS |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



Western Blotting

Image 1. Validation with Western Blot