

Datasheet for ABIN7607620

CD130/gp130 Protein (AA 23-617) (His tag)[Go to Product page](#)

Overview

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| Quantity: | 50 µg |
| Target: | CD130/gp130 (IL6ST) |
| Protein Characteristics: | AA 23-617 |
| Origin: | Mouse |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This CD130/gp130 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA) |

Product Details

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| Purpose: | Recombinant Mouse CD130/IL6ST/gp130 Protein, C-His (Active) |
| 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 inhibit IL-6-dependent proliferation of the mouse hybridoma cells (7TD1) in the presence of recombinant human CD130/IL6ST/gp130 (Cat #: AME25301). The ED50 for this effect is 0.12-1.2 ng/mL. |

Target Details

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| Target: | CD130/gp130 (IL6ST) |
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Target Details

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| Alternative Name: | IL-6 receptor subunit beta (IL6ST Products) |
| Background: | IL-6 receptor subunit beta, CDw130, IL-6R-beta, Membrane glycoprotein 130, CD130, Oncostatin-M receptor subunit alpha, Interleukin-6 signal transducer, IL-6RB, IL-6R subunit beta, IL6ST, Interleukin-6 receptor subunit beta, gp130 |
| UniProt: | Q6PDI9 |
| Pathways: | JAK-STAT Signaling , Cellular Glucan Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Cancer Immune Checkpoints |

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 |