

Datasheet for ABIN7607173

BTN3A1 Protein (AA 30-254) (His-Fc tag)



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Overview

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| Quantity: | 50 µg |
| Target: | BTN3A1 |
| Protein Characteristics: | AA 30-254 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This BTN3A1 protein is labelled with His-Fc tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA) |

Product Details

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| Purpose: | Recombinant Human CD277/BTN3A1 Protein, C-hFc-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 Anti-CD3-induced proliferation of jurkat. The ED50 for this effect is 20-100 ng/mL. |

Target Details

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| Target: | BTN3A1 |
| Alternative Name: | BTF5 (BTN3A1 Products) |

Target Details

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| Background: | BTF5, BTN3A1, Butyrophilin subfamily 3 member A1, CD277 |
| UniProt: | O00481 |
| Pathways: | 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 |