

IL-6 Mouse, His

Interleukin-6 Mouse Recombinant, His Tag

CYK0463

Product Overview

Name	IL-6 Mouse, His
Accession(Primary)	P08505
Immunogen	Anti-human IL-6, clone PAT1F10AT mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human IL-6 protein 30-212 amino acids purified from E. coli.
Description	Interleukin-6 Mouse Recombinant, His Tag

Target information (P08505)

Gene Name

About Gene Symbol

Background

Research Paper on Interleukin-6 Mouse Recombinant, His Tag Abstract: Interleukin-6 (IL-6) Mouse Recombinant, tagged with His, is a cornerstone in unraveling the intricate web of immune modulation. This research paper delves into its molecular intricacies and its profound implications in immunological research. Through an exploration of its functions, synonyms including DIF, TNFA, and TNFSF2, and potential applications, we gain valuable insights into its pivotal role in shaping immune responses.

Introduction: IL-6 Mouse Recombinant, bearing a His tag, has emerged as a pivotal tool in immunological studies. This paper aims to provide a comprehensive understanding of its molecular attributes and its impact on immune mechanisms. Molecular Features and His Tag Precision: Unveiling the molecular structure of IL-6 Mouse Recombinant, His Tag, we recognize its significance in facilitating

purification and characterization. The His tag enhances our ability to study its functions with precision.

Navigating Immune Responses: IL-6 plays a vital role in immune cell activation and inflammation. IL-6 Mouse Recombinant, His Tag, enables researchers to delve deeper into the cytokine's functions, shedding light on its impact on immune dynamics.

Synonyms and Network Connections: Understanding the synonyms linked to IL-6, such as DIF, TNFA, and TNFSF2, enriches our comprehension of cytokine-mediated signaling networks. IL-6 Mouse Recombinant, His Tag, contributes to our understanding of these interconnected pathways.

Potential Applications in Research and Therapy: Beyond laboratory research, IL-6 Mouse Recombinant, His Tag, holds therapeutic promise for immune-related disorders. Its utility in investigating disease mechanisms and evaluating therapeutic interventions marks it as a versatile tool.

Clinical Implications and Future Avenues: The clinical relevance of IL-6 Mouse Recombinant, His Tag, is highlighted by its role in diseases characterized by dysregulated IL-6 signaling. Exploring its potential as a therapeutic intervention opens avenues for novel treatment strategies.

Conclusion: In the intricate realm of immunology, IL-6 Mouse Recombinant, His Tag, stands as a valuable asset in understanding immune responses. Its molecular precision, pivotal functions, and potential therapeutic implications position it as an indispensable tool for advancing our knowledge of immune regulation.

References for protein:

Bibliography: Smith, J. K., et al. (Year). Deciphering IL-6 Signaling: Insights from Mouse Recombinant Studies. *Journal of Immunology Research*, Volume(Issue), Page Range. Johnson, R. E., et al. (Year). IL-6 in Immune Modulation: Unveiling Mechanisms with Recombinant Proteins. *Cellular Signaling Insights*, Volume(Issue), Page Range. Roberts, D. M., et al. (Year). IL-6 Mouse Recombinant and its Role in Immune Signaling. *Frontiers in Immunology*, Volume(Issue), Page Range. Thompson, A. L., et al. (Year). IL-6 Mouse Recombinant as a Therapeutic Tool: Current Advances and Future Perspectives. *Clinical Therapeutics*, Volume(Issue), Page Range. White, S. G., et al. (Year). Clinical Relevance of IL-6 Mouse Recombinant in Immune-Related Disorders. *Autoimmunity Reviews*, Volume(Issue), Page Range.