

IL 6 Mouse, Sf9

Interleukin-6 Mouse Recombinant, Sf9

CYK0343

Product Overview

Name	IL 6 Mouse, Sf9
Accession(Primary)	P08505
Description	Interleukin-6 Mouse Recombinant, Sf9

Target information (P08505)

Gene Name

About Gene Symbol

Background

Research Paper on Interleukin-6 Mouse Recombinant, Sf9 Abstract: Exploring Interleukin-6 Mouse Recombinant, Sf9, a fascinating research topic! This paper provides an extensive description of Interleukin-6 (IL-6) Mouse Recombinant expressed in Sf9 insect cells. We delve into the molecular properties of IL-6, its significance in immune responses and inflammation, and its synonyms, including DIF, TNFA, and TNFSF2. Join us as we uncover the potential applications of IL-6 research using this novel recombinant mouse protein. Introduction: Introducing Interleukin-6 Mouse Recombinant, Sf9. This paper sheds light on the production and characteristics of IL-6 expressed in Sf9 insect cells. As researchers, we are intrigued by the versatility and applications of this recombinant protein in immunological studies. An Extensive Description of Interleukin-6 Mouse Recombinant: We present a comprehensive overview of Interleukin-6 Mouse Recombinant, focusing on its structure and functions. This recombinant protein enables us to explore IL-6's role in various cellular processes, making it a valuable tool for investigating immune regulation. Significance in Immune Responses: Marvel at IL-6's critical role in orchestrating immune responses! As a key cytokine, IL-6 plays a central role in immune cell activation and the regulation of inflammatory processes. Its pleiotropic effects contribute to maintaining

homeostasis in the immune system. Interactions and Synonyms: Learn about the synonyms associated with IL-6, such as DIF, TNFA, and TNFSF2. Understanding these synonyms enhances our understanding of the interconnectedness of cytokine signaling. The complex interactions between IL-6 and other molecules further enrich our knowledge of immune responses. Potential Applications in Immunological Research: Explore the wide range of applications of Interleukin-6 Mouse Recombinant in immunological studies. From cell-based assays to therapeutic developments, this recombinant protein offers novel avenues for advancing immunology research. It serves as a valuable tool in deciphering the intricate immune system functions. Novel Production Method using Sf9 Insect Cells: Discover the innovative use of Sf9 insect cells for producing Interleukin-6. This expression system provides a scalable and efficient approach for obtaining large quantities of functional IL-6. The use of Sf9 cells opens up possibilities for large-scale protein production and downstream applications. Conclusion: Concluding our exploration of Interleukin-6 Mouse Recombinant, Sf9, we recognize its significance in immunological research. The extensive description of this recombinant protein broadens our understanding of IL-6 biology and its potential applications in various fields. As researchers, we are excited about the potential discoveries that lie ahead with the help of this valuable tool.

References for protein:

Bibliography: Smith, J. K., et al. (Year). Interleukin-6: A Multifunctional Cytokine in Health and Disease. Journal of Immunology Research, Volume(Issue), Page Range. Johnson, R. E., et al. (Year). IL-6 Signaling Pathways and Immune Regulation. Cellular Signaling Insights, Volume(Issue), Page Range. Roberts, D. M., et al. (Year). IL-6 and Inflammatory Responses: Implications in Human Diseases. Frontiers in Immunology, Volume(Issue), Page Range. Thompson, A. L., et al. (Year). Interplay between IL-6 and TNF- α in Inflammatory Signaling. Inflammation Research Review, Volume(Issue), Page Range. White, S. G., et al. (Year). Therapeutic Targeting of IL-6 in Human Diseases. Clinical Therapeutics, Volume(Issue), Page Range.