

Recombinant Human IRAK2 (N-GST tag)

Cat No:HR2R1642

For research use only

Overview

| Quantity | 10 ?g |
|-----------------------|--|
| Gene Symbol | IRAK2 |
| Gene ID | N/A |
| Accession | NM_001570 |
| Alternative Name | IRAK-2, MGC150550 |
| Species | Human |
| Source | Insect cells |
| Description | ?Interleukin-1 receptor-associated kinase 2 (IRAK2) is important downstream signaling components of Toll-like receptors (TLRs) . IRAKs were first described as signal transducers for IL-1 and later have been implicated in signal transduction of other members of the Toll/IL-1 receptor family. The interleukin-1 receptor (IL-1R) signaling pathway leads to NF?B activation in mammals. To date, four mammalian IRAKs have been identified (IRAK-1, IRAK-2, IRAK-4, and IRAK-M) . It is believed that IRAK-2 could be an additional therapeutic target for inhibiting IL-1-induced inflammation. |
| Functions | The specific activity of IRAK2 was determined to be6 nmol /min/mg as per activity assay protocol. |
| Formulation | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. |
| Solubility | N/A |
| Appearance | Liquid |
| Molecular Weight | 103 |
| Purity | 70% - 90% |
| Concentration | |
| Shipping Condition | Dry Ice |
| Storage Condition | Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. |