

## 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 be 6 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.