

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	<p>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.</p>
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.