

## Recombinant Human IRAK1 Protein, GST/His-tagged

Cat. No. IRAK1-799H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human interleukin-1 receptor-associated kinase 1 (IRAK1), transcript variant 1, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
<b>Molecular Mass</b>	104.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.

**Full Length** Full L.

## GENE INFORMATION

**Gene Name** IRAK1 interleukin 1 receptor associated kinase 1 [ Homo sapiens (human) ]

**Official Symbol** IRAK1

**Synonyms** IRAK1; interleukin 1 receptor associated kinase 1; IRAK; pelle; interleukin-1 receptor-associated kinase 1; IRAK-1; Pelle homolog; EC 2.7.11.1

**Gene ID** 3654

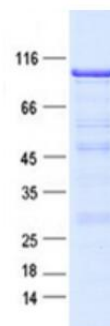
**mRNA Refseq** NM\_001569

**Protein Refseq** NP\_001560

**MIM** 300283

**UniProt ID** P51617

## SDS-PAGE



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