

Recombinant Human IRAK1 Protein, GST/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
Description	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.
Molecular Mass	104.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>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

116
66
45
35
25
18
14



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