

Recombinant Human IRAK1 Protein, GST-tagged

Cat. No. IRAK1-5056H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IRAK1 full-length ORF (AAH14963.1, 1 a.a. - 633 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	94.4 kDa
AA Sequence	MAGGPGPGEPAAAPGAQHFLYEVPWVMCRFYKVMDALEPADWCQFAALIVRDQT ELRLCERSGQRTASVLWPWINRNARVADLVHILHLQLLRARDIITAWHPPAPLPSP GTTAPRPSSIPAPAEAEAWSPRKLPSASTFLSPAFIGSQTHSGPELGLVPSASLW PPPPSPAPSSTKPGPESSVLLQGARSPFCWPLCEISRGTHNFSEELKIGEGGFG CVYRAVMRNTVYAVKRLKENADLEWTAVKQSFLTEVEQLSRFRHPNIVDFAGYCAQ NGFYCLVYGFLPNGSLEDRLHCQTQACPLSWPQRLDILLGTARAIQFLHQDSPSLI HGDIKSSNVLLDERLTPKLGDFGLARFSRFAGSSPSQSSMVARTQTVRGTLAYLPEE YIKTGRLAVDTDTFSGVVVLETLAQRAVKTHGARTKYLVERLEKLQAVVAGVPG

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HLEAASCIPPSPQENSYVSSTGRAHSGAAPWQPLAAPSGASAQAAEQLQRGPNQP
 VEDES LGGLS AALRSWHLTPSCPLDPAPLREAGCPQGDTAGESSWGS GPGSRPT
 AVEGLALGSSASSSSEPPQIIINPARQKMVQKLALYEDGALDSLQLLSSSSLPGLGLE
 QDRQGPEESDEFQS

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	IRAK1 interleukin-1 receptor-associated kinase 1 [Homo sapiens]
Official Symbol	IRAK1
Synonyms	IRAK1; interleukin-1 receptor-associated kinase 1; IRAK; pelle; IRAK-1; Pelle homolog;
Gene ID	3654
mRNA Refseq	NM_001025242
Protein Refseq	NP_001020413

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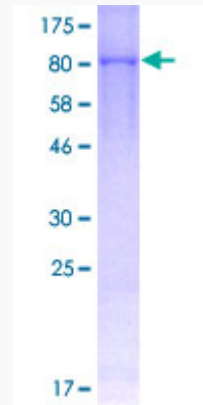
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MIM 300283

UniProt ID P51617

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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