

Recombinant Full Length Human IRAK1 Protein

Cat. No. IRAK1-257HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human IRAK with an N terminal proprietary tag; Predicted MWt 95.7 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	633 amino acids
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.
Form	Liquid
Molecular Mass	95.700kDa inclusive of tags
AA Sequence	MAGGPGPGEPAPGAQHFLYEVPWVMCRFYKVMDALEPA DWQCFAALIVRDQT ELRLCERSGQRTASVLWPWINRNARV ADLVHILTHLQLLRARDIITAWHPPAPLPSP GTTAPRPSS IPAPAEAEAWSPRKLPSASTFLSPAFPGSQTHSGPELGL VPSPASL WPPPPSPAPSSTKGPPESSVSLLQGARPSPFCW PLCEISRGTHNFSEELKIGEGGF GCVYRAVMRNTVYAVKR LKENADLEWTAVKQSFLTEVEQLSRFRHPNIVDFAGYC AQ NGFYCLVYGFLPNGSLEDRLHCQTQACPPLSWPQRLDILL GTARAIQFLHQDSP

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SLIHGDIKSSNVLLDERLTPKLGDFG LARFSRFAGSSPSQSSMVARTQTVRGTLAYL
 PEEYIKTGR LAVDTDTFSFGVVLETLAGQRAVKTHGARTKYLVERLE KLQAVVA
 GVPGHLEAASCIPPSPQENSYSSTGRAHSGAA PWQPLAAPSGASAAEQLQRG
 PNQPVESDESLGGLSAAL RSWHLTPSCPLDPAPLREAGCPQGDTAGESSWGSGP
 GSRP TAVEGLALGSSASSSSEPPQIIINPARQKMVQKLALYEDG ALDSLQLLSSSSL
 PGLGLEQDRQGPEESDEFQS

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 3654

mRNA Refseq NM_001569

Protein Refseq NP_001560

MIM 300283

UniProt ID P51617

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