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	MAGGPGPGEPAAPGAQHFLYEVPPWVMCRFYKVMDALEPA DWCQFAALIVRDQT ELRLCERSGQRTASVLWPWINRNARV ADLVHILTHLQLLRARDIITAWHPPAPLPSP GTTAPRPSS IPAPAEAEAWSPRKLPSSASTFLSPAFPGSQTHSGPELGL VPSPASL WPPPPSPAPSSTKPGPESSVSLLQGARPSPFCW PLCEISRGTHNFSEELKIGEGGF GCVYRAVMRNTVYAVKR LKENADLEWTAVKQSFLTEVEQLSRFRHPNIVDFAGYC AQ NGFYCLVYGFLPNGSLEDRLHCQTQACPPLSWPQRLDILL GTARAIQFLHQDSP

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SLIHGDIKSSNVLLDERLTPKLGDFG LARFSRFAGSSPSQSSMVARTQTVRGTLAYL PEEYIKTGR LAVDTDTFSFGVVVLETLAGQRAVKTHGARTKYLVYERLE KLQAVVA GVPGHLEAASCIPPSPQENSYVSSTGRAHSGAA PWQPLAAPSGASAQAAEQLQRG 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA