

Recombinant Human IRAK1 Protein, His tagged

Cat. No. IRAK1-1542H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRAK1 Protein with His tag was 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	The protein has a calculated MW of 12 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHMAGCPQGDTAGESSWGSGPGSRPTAVEGLALGS SASSSSEPPQIIINPARQKMVQKLALYEDGALDSLQLLSSSSLPGLGLEQDRQGPEE SDEFQS
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.8 mg/mL by BCA

 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

Storage Buffer Sterile 100 mM PB, 500 mM NaCl, 25 mM Imidazole, 10% Glycerol, pH 7.4

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

MIM 300283

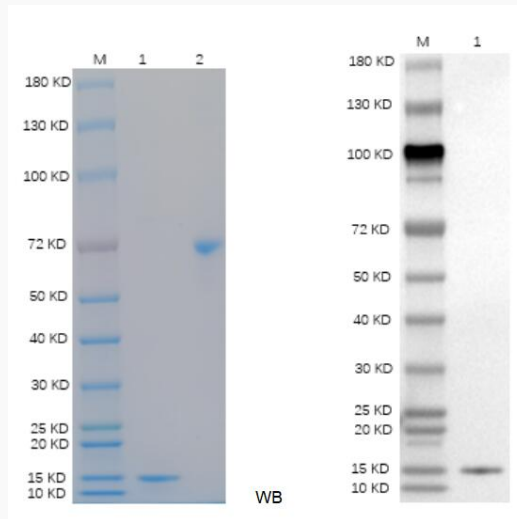
UniProt ID P51617

 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

Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified IRAK1.



1. IRAK1-1542H
2. BSA

 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