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	MGSSHHHHHHSSGLVPRGSHMAGCPQGDTAGESSWGSGPGSRPTAVEGLALGS 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

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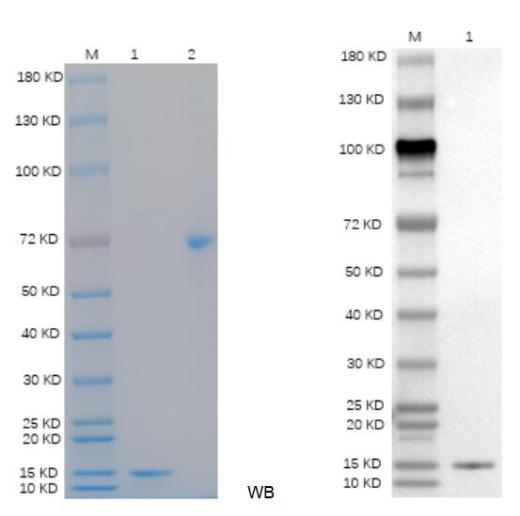
Storage Buffer	Sterile 100 mM PB, 500 mM NaCl, 25 mM Imidazole, 10% Glycerol, pH 7.4

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

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



1. IRAK1-1542H
2. BSA

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