

Recombinant Full Length Human IRAK3 Protein, GST-tagged

Cat. No. IRAK3-5731HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IRAK3 full-length ORF (AAH57800, 1 a.a. - 596 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	596 amino acids
Description	This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Molecular Mass	91.3 kDa
AA Sequence	MAGNWGARGALSAHTLLFDLPPALLGELCAVLDSCDGALGWRGLAERLSSSRLDV RHIEKYVDQGKSGTRELLWSWAQKNKTIGDLLQVLQEMGHRRAIHLITNYGAVLSPS EKSYQEGGFNILFKETANVTVDNVLPIEHNEKGVLLKSSISFQNIIEGTRNFHKDFLI GEGEIFEVYRVEIQNLTYAVKLFKQEKKMQCKKHWKRFLSELEALLFHHP SILELAA YFTETEFCLIPYMRNGTLFDRLQCVGDTAPLPWHIRIGILIGISKAIHYLHNVQPCS VICGSISSANILLDDQFQPKLTDFAHAFRSHLEHQSCTINMTSSSSKHLWYMPEEYI RQGKLSIKTDVYSFGVIMEVLTGCRVVLDDPKHIQLRDLLRELMKRGDLSCLSFLL

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KKVPPCPRNFSAKLFCLAGRCAATRAKLRPSMDEVLNTLESTQASLYFAEDPPTSLK
 SFRCPSPLFLENVPSIPVEDDESQNNLLPSDEGLRIDRMTQKTPFECSQSEVMFLS
 LDKKPESKRNEEACNMPSSSCEESWFPKYIVPSQDLRPYKVNIDPSSEAPGHSCRS
 RPYESSCCKFSWDEYEYKKE

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 IRAK3 interleukin-1 receptor-associated kinase 3 [Homo sapiens]

Official Symbol IRAK3

Synonyms IRAK3; interleukin-1 receptor-associated kinase 3; IRAK M; IL-1 receptor-associated kinase M; ASRT5; IRAKM; FLJ13601;

Gene ID 11213

mRNA Refseq NM_001142523

Protein Refseq NP_001135995

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MIM	604459
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UniProt ID	Q9Y616
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