

## Recombinant Human IRAK3 Protein, GST-tagged

**Cat. No.** IRAK3-5051H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human IRAK3 full-length ORF ( AAH57800, 1 a.a. - 596 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	91.3 kDa
<b>AA Sequence</b>	MAGNWGARGALSAHTLLFDLPPALLGELCAVLDS CDGALGWRGLAERLSSSR LDV RHIEKYVDQGKSGTRELLWSWAQKNKTIGDLLQVLQEMGHRRAIHLITNYGAVLSPS EKSYQEGGFNILFKETANVTVDNVLIP EHNKGVLLKSSISFQNIIEGTRNFHKDFLI GEGEIFEVYRVEIQNLTYAVKLFKQEKKMQCKKHWKRFLSELEALLFHHP SILELAA YFTETEFCLIPYMRNGTLFDRLQCVGDTAPLPWHIRIGILIGISKAIHYLHN VQPCS VICGSISSANILLDDQFQPKLTD FAMAHF RSHLEHQ SCTINMTSSSSKHLWYMPEEYI RQGKLSIKTDVYSFGIVIMEVLTGCRVVLDDPKHIQLRDLLRELM EK RGLD SCLSFLD KKVPPCPRNFSAKLFCLAGRCAATRAKLRPSMDEV LNTLESTQASLYFAEDPPTSLK

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SFRCPSPLFLENVPSIPVEDESQNNLLPSDEGLRIDRMTQKTPFECSQSEVMFLS  
 LDKKPESKRNEEACNMPSSSCEESWFPKYIVPSQDLRPYKVNIDPSSEAPGHSCRS  
 RPVESSCSSLKFSWDEYEYKKE

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	IRAK3 interleukin-1 receptor-associated kinase 3 [ Homo sapiens ]
<b>Official Symbol</b>	IRAK3
<b>Synonyms</b>	IRAK3; interleukin-1 receptor-associated kinase 3; IRAK M; IL-1 receptor-associated kinase M; ASRT5; IRAKM; FLJ13601;
<b>Gene ID</b>	11213
<b>mRNA Refseq</b>	NM_001142523
<b>Protein Refseq</b>	NP_001135995
<b>MIM</b>	604459

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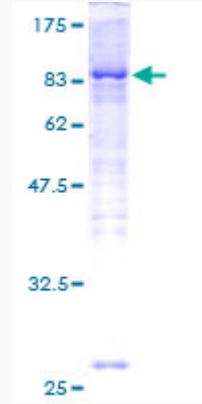
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UniProt ID

Q9Y616

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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