

# Recombinant Full Length Human IRAK3 Protein, C-Flag-tagged

**Cat. No.** IRAK3-1792HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human IRAK3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	67.6 kDa
<b>AA Sequence</b>	MAGNCGARGALSAHTLLFDLPPALLGELCAVL DSCD GALGWRGLAERLSSSWLDV RHIEKYVDQ GKSGTR ELLWSWAQKNKTIGDLLQVLQEMGHRRAIHLITNYGAVLSP SEKSYQEGGFNILFKETANVTVDNVLIP EHNEKGVLLKSSISFQNIIEGTRNFHKDFL IGEGEIFEVYRVEIQNLTYAVKLFKQEKMKQCKKHWKRFL SELEVLLLFHHPNILELA AYFTETEFCLIIYPYMRNGTLFDRLQCVGDTAPLPWHIRIGILIGISKAIHY LHNVQPC SVICGSISSANILLDDQFQPKLTDFA MAHFRSHLEHQ SCTINMTSSSSKHLWYMPEE YIRQ GK LSIKTDVYSFGIVIMEVLTGCRVVLDDPKHIQLRDLRELMEKRGLDSCLSF

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LDKKVPPCPRNFSAKLC LAGRCAATRAKLRPSMDEVLTLESTQASLYFAEDPPT  
 SLKSFRCPSPLFLENVPSIPVEDDESQNNLL PSDEGLRIDRMTQKTPFECSQSEV  
 MFLSLDKKPESKRNEEACNMPSSSSCEESWFPKYIVPSQDLRPYKVN IDPSSEAPGH  
 SCRSRPVESSCSSKFSWDEYEYKKE TRTRPLEQKLISEEDLAANDILDYKDDDDK  
 V

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining.

**Stability** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Storage** Store at -80 centigrade.

**Concentration** >50 ug/mL as determined by microplate BCA method.

**Preparation** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Protein Families** Druggable Genome, Protein Kinase

**Protein Pathways** Apoptosis, Neurotrophin signaling pathway


**Full Length** Full L.

## GENE INFORMATION


**Gene Name** IRAK3 interleukin 1 receptor associated kinase 3 [ Homo sapiens (human) ]

**Official Symbol** IRAK3

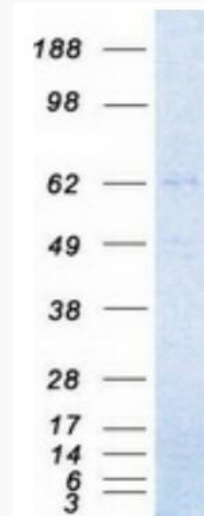
**Synonyms** ASRT5; IRAKM

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Gene ID	11213
mRNA Refseq	NM_007199.3
Protein Refseq	NP_009130.2
MIM	604459
UniProt ID	Q9Y616



Coomassie blue staining of purified IRAK3 protein.

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