

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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human IRAK3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.6 kDa
AA Sequence	MAGNCGARGALSAHTLLFDLPPALLGELCAVLDS CDGALGWRGLAERLSSSWLDV RHIEKYVDQGKSGTR ELLWSWAQKNKTIGDLLQVLQEMGHRRAIHLITNYGAVLSP SEKSYQEGGFNILFKETANVTVDNVLIP EHNEKGVLLKSSISFQNIIEGTRNFHKDFL IGEGEIFEVYRVEIQNLTYAVKLFKQEKKMQCKKHWKRFL SELEVLLFHHPNILELA AYFTETEFKCLIYPYMRNGTLFDRLQCVGDTAPLPWHIRIGILIGISKAIHY LHNVPQC SVICGSISSANILLDDQFQPKLTDFAMAHFRSHLEHQ SCTINMTSSSSKHLWYMPEE YIRQGK LSIKTDVYSFGIVIMEVLTGCRVVLDDPKHIQLRDLLRELMEKRGLDSCLSF

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LDKKVPPCPRNFSAKLFC LAGRCAATRAKL RPSMDEV LNTLESTQASLYFAEDPPT
 SLKSFRCPSP LFLENVPSIPVEDDESQNNLL PSDEGLRIDRMTQKTPFECSQSEV
 MFLSLDKKPESKRNEEACNMPSSSC EESWFPKYIVPSQDLRPYKVN IDPSSEAPGH
 SCRSRPVESSCSSKFSWDEYEYQKKE 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

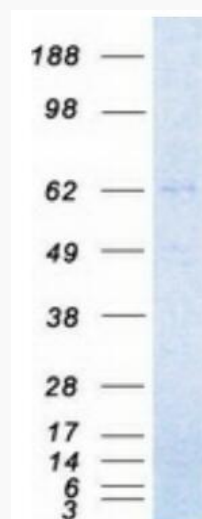
Gene Name	IRAK3 interleukin 1 receptor associated kinase 3 [Homo sapiens (human)]
Official Symbol	IRAK3
Synonyms	ASRT5; IRAKM

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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.