

Product datasheet for TP309245

IRAKM (IRAK3) (NM_007199) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin-1 receptor-associated kinase 3 (IRAK3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209245 protein sequence Red=Cloning site Green=Tags(s)

MAGNCGARGALSAHTLLFDLPPALLGELCAVL DSCD GALGWRGLAERLSSSWLDVRHIEKYVDQ GKSGTR
ELLWSWAQKNKTIGDLLQVLQEMGHRRAIHLITNYGAVLSPSEKSYQEGGFNILFKETANVTVDNVLIP
EHNEKGVLLKSSISFQNIIEGTRNFHKDFLIGEGEIFEVYRVEIQNLTYAVKLFKQEKMKQCKKHWRFL
SELEVLLLFHHPNILELAAYFTETEFCLIPYMRNGTLFDRLQCVGDTAPLPWHIRIGILIGISKAIHY
LHNVQPCSVICGSISSANILLDDQFQPKLTD FAMA HFRSHLEHQ SCTINMTSSSSKHLWYMP EEEYIRQ GK
LSIKTDVYSFGIVIMEVLTGCRVLD DPKHIQLRDL LRELMEKRGLD SCLSFLDKKVP PCPRNFSAK LFC
LAGRCAATRAKLRPSMDEVLNLTLESTQASLYFAEDPPTSLKSFRCPSPLFLENVPSIPVEDDESQNNLL
PSDEGLRIDRMTQKTPFECSQSEVMFLSLDKK PESKRNEEACNMPSSSCEESWFPKYIVPSQDLRPPYKVN
IDPSEAPGHSCRSRPVESSCSSKFSWDEYEQYKKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	67.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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

RefSeq: [NP_009130](#)

Locus ID: 11213

UniProt ID: [Q9Y616](#)

RefSeq Size: 8351

Cytogenetics: 12q14.3

RefSeq ORF: 1788

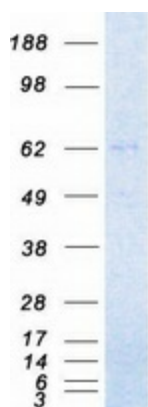
Synonyms: ASRT5; IRAKM

Summary: 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]

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Apoptosis, Neurotrophin signaling pathway

Product images:



Coomassie blue staining of purified IRAK3 protein (Cat# TP309245). The protein was produced from HEK293T cells transfected with IRAK3 cDNA clone (Cat# [RC209245]) using MegaTran 2.0 (Cat# [TT210002]).