

Product datasheet

Recombinant Mouse IRAKM protein ab245109

Description

Product name Recombinant Mouse IRAKM protein

Purity > 85 % SDS-PAGE.

Expression system Baculovirus

Accession [Q8K4B2](#)

Protein length Full length protein

Animal free No

Nature Recombinant

Species Mouse

Sequence

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MAGRCGARGALSPQLLLFDLPPALLGELCGILDSCDGPL
GWRGLAERLSN
SWLDVRHIEKYVNQGKSGTRELLWSWAQKNKTIGDLLEVL
QDMGHQRAIH
LIINYGVSWTPSVQTHHELPFSPPEVKHACRENDPGPL
EPANVTVDNV
LVPEHNEKGTLQKTPISFQSILEGTKHFHKDFLIGEGEIFEV
YRVDIRNQ
AYAVKLFKQEKKMQLKHKWRFLSELEVLLLFRHPHILEL
AAYFTETEKL
CLVYPYMSNGTLFDRLQCTNGTTPLSWHVRISVLIGIAKAIQ
YLHNTQPC
AVICGNVSSANILLDDQLQPKLTDFAAAHFRPNLEQQSSTI
NMTGGGRKH
LWYMPEEYIRQGRLSVKTDVYSFGIVIMEVLTGCKVVLDDP
KHVQLRDLL
MELMEKRGLDSCLSFLDRKIPPCPRNFSAKLFLSLAGRCV
ATKAKLRPTMD
EVLSSLESTQPSLYFAEDPPTSLKSFRCPSPLFLDNVPSI
PVEDDENQNN
HSVPPKEVLGTDRVTQKTPFECSQSEVTFGLGLDRNRGNR
GSEADCNPSS
SHEECWSPELVAPSQDLSPTVISLGSSWEVPGHSYGSKP
MEKRCSSGLFC SEHEQSKKQ

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Predicted molecular weight 68 kDa

Amino acids 1 to 609

Additional sequence information N-terminal 10xHis-tagged and C-terminal Myc-tagged

Specifications

Our [Abpromise guarantee](#) covers the use of **ab245109** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Function Inhibits dissociation of IRAK1 and IRAK4 from the Toll-like receptor signaling complex by either inhibiting the phosphorylation of IRAK1 and IRAK4 or stabilizing the receptor complex.

Tissue specificity Expressed predominantly in peripheral blood lymphocytes.

Involvement in disease Defects in IRAK3 are associated with susceptibility to asthma-related traits type 5 (ASRT5) [MIM:611064]. Asthma-related traits include clinical symptoms of asthma, such as coughing, wheezing, dyspnea, bronchial hyperresponsiveness as assessed by methacholine challenge test, serum IgE levels, atopy, and atopic dermatitis.

Sequence similarities Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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