

Mouse IRAK4 Protein, His Tag

Catalog # IR4-M5544



BIOSYSTEMS
Acro
Surprise Inside!

Synonym

IMD67, IPD1, IRAK-4, NY-REN-64, REN64

Source

Mouse IRAK4 Protein, His Tag(IR4-M5544) is expressed from Baculovirus-Insect cells. It contains AA Met 1 - Ala 459 (Accession # [Q8R4K2-1](#)).

Predicted N-terminus: His

Molecular Characterization

Poly-his IRAK4(Met 1 - Ala 459)
Q8R4K2-1

This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 52.9 kDa. The protein migrates as 53-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Formulation

Supplied as 0.2 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5 with glycerol as protectant.

Contact us for customized product form or formulation.

Shipping

This product is supplied and shipped with dry ice, please inquire the shipping cost.

Storage

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- The product **MUST** be stored at -70°C or lower upon receipt;
- -70°C for 3 months under sterile conditions.

Background

This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene.

Clinical and Translational Updates

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