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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

IRAK4, GST-Tag

Human, Recombinant, N-terminal GST tag
Catalog #: 40064
Lot #: 171113-3 **Conc.:** 1.21 mg/ml

Formulated in: 45 mM Tris-HCl, pH 8.0, 300 mM NaCl, 2.4 mM KCl, 3 mM DTT, 10% Glycerol and 2 mM Glutathione.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

References:

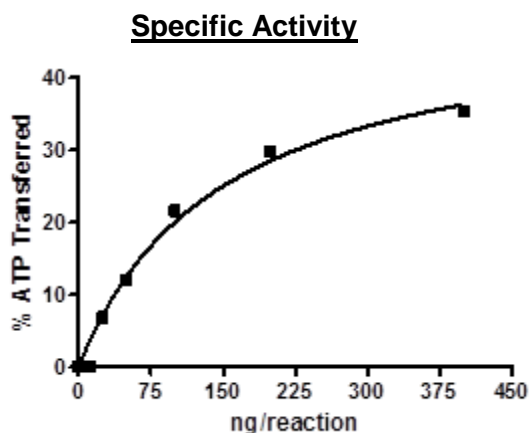
1. Ku C.L. *et al.*, *J. Exp. Med.* 2007; **204(10)**: 2407-2422.
2. Hoarau C. *et al.*, *J. Immunol.* 2007; **179(7)**: 4754-4765.

Description: Human interleukin-1 receptor-associated kinase 4 (IRAK4), GenBank Accession No. NM_001114182, a.a 2-end, with N-terminal GST tag, MW = 78 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

Specific Activity: ≥ 60 pmol/min/ μg .
 Assay Conditions: Used 0.1 mg/ml MBP as a substrate and 20 μM ATP. Reaction was done for 45 min at 30°C , and the amount of ATP was quantified using Kinase-Glo (Promega)

Application: Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

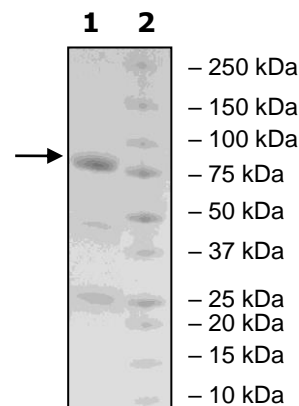
Quality Assurance



**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 μg IRAK4
Lane 2:
Protein Marker

MW: 78 kDa
Purity: $\geq 67\%$



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