



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MATK (Human) Recombinant Protein (Q02)

**Catalog Number:** H00004145-Q02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human MATK partial ORF ( NP\_647612, 422 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

RAPYPKMSLKEVSEAVEKGYRMEPPEGCPGPVHVLM  
SSCWEAEPARRPPFRKLAEKLARELRSAGAPASVSG  
QDADGSTSPRSQEP

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 35.2

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4145

**Gene Symbol:** MATK

**Gene Alias:** CHK, CTK, DKFZp434N1212, HHYLTk, HYL, HYLTK, Lsk, MGC1708, MGC2101

**Gene Summary:** The protein encoded by this gene has amino acid sequence similarity to Csk tyrosine kinase and has the structural features of the CSK subfamily: SRC homology SH2 and SH3 domains, a catalytic

domain, a unique N terminus, lack of myristylation signals, lack of a negative regulatory phosphorylation site, and lack of an autophosphorylation site. This protein is thought to play a significant role in the signal transduction of hematopoietic cells. It is able to phosphorylate and inactivate Src family kinases, and may play an inhibitory role in the control of T-cell proliferation. This protein might be involved in signaling in some cases of breast cancer. Three alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq]