

Recombinant Rat Tek protein, His & GST-tagged

Cat. No. Tek-537R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tek aa. (Cys44~Glu341 (Accession # D3ZCD0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Cys44~Glu341
Description	Mediates development of embryonic vasculature; plays a role in tumors and skin wounds.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

Tek TEK receptor tyrosine kinase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Tek

Synonyms

Tek; TEK receptor tyrosine kinase; Tie2; Tie-2; angiopoietin-1 receptor; TEK tyrosine kinase, endothelial; endothelial-specific receptor tyrosine kinase; tyrosine kinases that contain immunoglobulin-like loops and epidermal growth factor-similar domains 2

Gene ID

89804

mRNA Refseq

NM_001105737.1

Protein Refseq

NP_001099207.1

UniProt ID

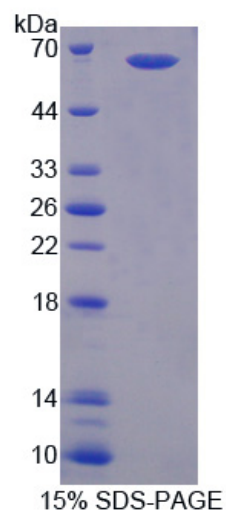
D3ZCD0

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SDS-PAGE



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