

Datasheet for ABIN935084  
**GSTK1 Protein (AA 1-226)**



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1 Image

## Overview

Quantity:	100 µg
Target:	GSTK1
Protein Characteristics:	AA 1-226
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGPLPRTVEL FYDVLSPYSW LGFEILCRYQ NIWNINLQLR PSLITGIMKD SGNKPPGLLP RKGLYMANDL KLLRHHLQIP IHFPKDFLSV MLEKGSLSAM RFLTAVNLEH PEMLEKASRE LWMRVWSRNE DITEPQSILA AAEKAGMSAE QAQGLLEKIA TPKVKNQLKE TTEAACRYGA FGLPITVAHV DGQTHMLFGS DRMELLAHLL GEKWMGPIPP AVNARL
Characteristics:	Purified recombinant Human GSTK1 protein Expression System: E.coli
Purity:	> 90 % pure

## Target Details

Target:	GSTK1
Alternative Name:	GSTK1 ( <a href="#">GSTK1 Products</a> )
Background:	GSTK1 is a member of the kappa class of the glutathione transferase superfamily of enzymes

## Target Details

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that function in cellular detoxification process. This protein catalyzes the conjugation of the thiol group of glutathione (GSH) to the electrophilic groups of a wide range of hydrophobic substrates, leading to an easier removal of the latter from the cells. Recombinant GSTK1 protein was expressed in *E. coli* and purified by using conventional chromatography techniques.

Alternative Names: Glutathione S transferase subunit 13 protein, GST13-13 protein, , Glutathione S-transferase kappa 1 EC 2.5.1.18 protein, GST protein, hGSTK1 protein, GSTK-1, GST13 protein, GSTK1-1 protein, GSTK 1 protein, GST class kappa protein, GSTK 1, GSTK1 1 protein, GSTK-1 protein, GST 13 13 protein, GSTK1

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Molecular Weight: 25.5 kDa (226 AA)

## Application Details

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Application Notes: GSTK1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Supplied as a liquid in 20 mM Tris buffer, pH 8.0, containing 10 % glycerol and 0 mM DTT.

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Preservative: Dithiothreitol (DTT)

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Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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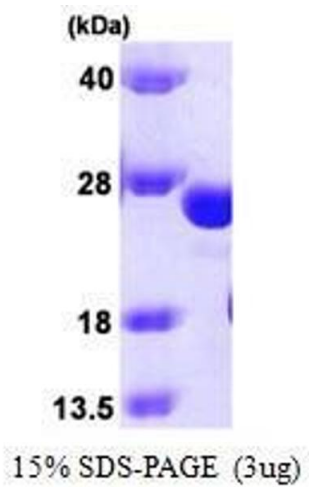
Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: RT/-20 °C

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Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.