

Datasheet for ABIN6700501 **STYK1 Protein (GST tag)**



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Overview

Quantity: 20 µg

Target: STYK1

Origin: Human

Source: Insect cells (Sf9)

Protein Type: Recombinant

Purification tag / Conjugate: This STYK1 protein is labelled with GST tag.

Application: Western Blotting (WB)

Product Details

Purpose: STYK1 (NOK) recombinant protein-GST fusion protein

Purification: Recombinant human STYK1 (NOK) (58-end) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.

Purity: >70%

Target Details

Target: STYK1

Alternative Name: STYK1 ([STYK1 Products](#))

Background: Synonyms: NOK, STYK1, DKFZp761P1010, SuRTK106, Tyrosine-protein kinase STYK1, Novel oncogene with kinase domain, Protein PK-unique, Serine/threonine/tyrosine kinase 1
Background: STYK1 is belongs to serine/threonine/tyrosine kinase 1 family which play

Target Details

important roles in diverse cellular and developmental processes, such as cell proliferation, differentiation, and survival (1). STYK1 concomitantly activate both MAP kinase and PI3K pathways in stably transfected mouse pre-B cells and STYK1 expression is elevated in 92.3 % cancerous tissues in comparison with normal tissues (2). STYK1 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cancer, Cell Cycle, Cytoplasmic Tyrosine Kinases, and Invasion/Metastasis research.

NCBI Accession: [NM_018423](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: STYK1 Protein is suitable for use in Western Blot. Expect a band approximately ~67 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1 µg/µL

Buffer: STYK1 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months