

Datasheet for ABIN6700487 **RYK Protein (GST tag)**



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Overview

Quantity:	20 µg
Target:	RYK
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RYK protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	RYK recombinant protein-GST fusion protein
Purification:	Recombinant human RYK (255-end) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >90% by densitometry.
Purity:	>90%

Target Details

Target:	RYK
Alternative Name:	RYK (RYK Products)
Background:	Synonyms: D3S3195, JTK5, JTK5A, RYK1, Tyrosine-protein kinase RYK Background: RYK or receptor-like tyrosine kinase is an atypical member of the family of growth factor receptor protein tyrosine kinases. RYK differs from other receptor tyrosine kinases at a

Target Details

number of conserved residues in the activation and nucleotide binding domains (1). RYK has a leucine-rich extracellular domain with a WIF-type WNT binding region, a single transmembrane domain, and an intracellular tyrosine kinase domain. RYK is involved in stimulating WNT signaling pathways such as the regulation of axon path finding (2). RYK Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Neurobiology, Receptor Tyrosine Kinases, and WNT Signaling research..

NCBI Accession:	NM_001005861
Pathways:	RTK Signaling , WNT Signaling , Regulation of Cell Size

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: RYK Protein is suitable for use in Western Blot. Expect a band approximately ~66 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:	RYK Protein is stored in 50 mM Tris-HCl, pH 7.5, 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