

Datasheet for ABIN6700435 **PRP19 Protein (GST tag)**



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Overview

Quantity:	20 µg
Target:	PRP19 (PRPF19)
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRP19 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	PRPF19 recombinant protein-GST fusion protein
Purification:	Recombinant human PRPF19 (2-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:	PRP19 (PRPF19)
Alternative Name:	PRPF19 (PRPF19 Products)
Background:	Synonyms: PSO4, SNEV, PRP19, UBOX4, hPSO4, NMP200, Pre-mRNA-processing factor 19, Nuclear matrix protein 200, PRP19/PSO4 homolog, Senescence evasion factor Background: PRPF19 or pre-mRNA-processing factor 19 is the human homolog of yeast Pso4.

Target Details

PRPF19 is a gene essential for cell survival, DNA repair and association with terminal deoxynucleotidyl transferase (1). PRPF19 forms a stable complex with SETMAR (Metnase) which is a SET and transposase fusion protein in humans and plays a positive role in double-strand break (DSB) repair. PRPF19 mediates association of SETMAR with sites of DNA damage (2). SNEV is an orthologue of PRPF19 and is an evolutionarily conserved splicing factor whose oligomerization is necessary for spliceosome assembly. PRPF19 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Apoptosis/Autophagy, and Cell Cycle Proteins research.

NCBI Accession: [NM_014502](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: PRPF19 Protein is suitable for use in Western Blot. Expect a band approximately ~74 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: PRPF19 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