

Datasheet for ABIN6699951 **ING2 Protein (GST tag)**



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Overview

Quantity:	20 µg
Target:	ING2
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ING2 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	p33ING2 recombinant protein-GST fusion protein
Purification:	Recombinant full-length human p33ING2 was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

Target Details

Target:	ING2
Alternative Name:	ING2 (ING2 Products)
Background:	<p>Synonyms: ING1L, ING2, Inhibitor of growth protein 2, Inhibitor of growth 1-like protein, ING1Lp, p32, p33ING2</p> <p>Background: p33ING2 is a member of the inhibitor of growth (ING) family that is associate with</p>

Target Details

and modulates the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. P33ING2 is a DNA damage-inducible gene that negatively regulates cell proliferation through activation of p53 by enhancing its acetylation (1). P33ING2 is required for initial DNA damage sensing and chromatin remodeling in the nucleotide excision repair process (2). p33ING2 Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Cancer, and Cell Cycle research.

NCBI Accession:	NM_001564
Pathways:	Chromatin Binding , Autophagy , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: p33ING2 Protein is suitable for use in Western Blot. Expect a band approximately ~62 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:	0.2 µg/µL
Buffer:	p33ING2 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