Datasheet for ABIN6700235

KDM2A Protein (GST tag)

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Overview

Quantity:	20 µg
Target:	KDM2A
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KDM2A protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	KDM2A recombinant protein-GST fusion protein
Purification:	Recombinant human KDM2A (1-748) 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:	KDM2A
Alternative Name:	KDM2A (KDM2A Products)
Background:	Synonyms: CXXC8, FBL11, FBL7, FBXL11, JHDM1A, LILINA, Lysine-specific demethylase 2A, EC 1.14.11.27, CXXC-type zinc finger protein 8, F-box and leucine-rich repeat protein 11, F-box protein FBL7, F-box protein Lilina, F-box/LRR-repeat protein 11, JmjC domain-containing

Target Details

	histone demethylation protein 1A, [Histone-H3]-lysine-36 demethylase 1A Background: KDM2A or lysine (K)-specific demethylase 2A is a member of the F-box protein family that are components of the modular E3 ubiquitin protein ligases called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination (1). KDM2A belongs to the FbIs class and, in addition to the presence of an F-box, contains at least six highly degenerated leucine-rich repeats which play a role in epigenetic silencing. The demethylase activity of the JmjC domain-containing proteins is conserved from yeast to human (2). KDM2A Protein is ideal for investigators involved in Signaling Proteins, Deacetylase/Demethylase Proteins, Cancer, Cell Cycle, and Inflammation research.
NCBI Accession:	NM_012308
Pathways:	Warburg Effect

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: KDM2A Protein is suitable for use in Western Blot. Expect a band approximately ~115 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:	KDM2A 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