

Datasheet for 009-001-S32S**KDM2A protein-GST fusion****Overview**

Description:	KDM2A recombinant protein-GST fusion protein - 009-001-S32S
Item No.:	009-001-S32S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

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 Fbls 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.
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 histone demethylation protein 1A, [Histone-H3]-lysine-36 demethylase 1A
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	KDM2A
Purity/Specificity:	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.
Relevant Links:	• NCBI - NM_012308

Application Details

Application Note:	KDM2A is stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. KDM2A Protein is suitable for use in Western Blot. Expect a band approximately ~115kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	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.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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