

## Datasheet for ABIN6700245 **KDM5C Protein (GST tag)**

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### Overview

Quantity:	20 µg
Target:	KDM5C
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KDM5C protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	KDM5C recombinant protein-GST fusion protein
Purification:	Recombinant human KDM5C (1-671) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >80% by densitometry.
Purity:	>80%

### Target Details

Target:	KDM5C
Alternative Name:	KDM5C ( <a href="#">KDM5C Products</a> )
Background:	Synonyms: JARID1C, DXS1272E, MRXJ, MRXSJ, XE169, Lysine-specific demethylase 5C, Histone demethylase JARID1C, Jumonji/ARID domain-containing protein 1C, Protein SmcX, Protein Xe169

## Target Details

Background: KDM5C or lysine (K)-specific demethylase 5C is a member of the SMCY homolog family that encodes a protein with one ARID domain, one JmjC domain, one JmjN domain and two PHD-type zinc fingers. KDM5C is mainly expressed in brain and skeletal muscle. KDM5C is involved in the regulation of transcription and chromatin remodeling that cause X-linked mental retardation (1). KDM5C is also essential for spermatogenesis and expression of male-specific minor histocompatibility antigens (2). KDM5C Protein is ideal for investigators involved in Signaling Proteins, Deacetylase/Demethylase Proteins, Cancer, Cell Cycle, and Inflammation research.

Pathways: [Warburg Effect](#)

## Application Details

Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: KDM5C Protein is suitable for use in Western Blot. Expect a band approximately ~118 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: KDM5C Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 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