

Recombinant Human KDM3A, GST-tagged

Cat. No. KDM3A-301H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM3A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-358aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	KDM3A lysine (K)-specific demethylase 3A [Homo sapiens]
Official Symbol	KDM3A
Synonyms	KDM3A; lysine (K)-specific demethylase 3A; JMJD1, JMJD1A, jumonji domain containing 1 , jumonji domain containing 1A; lysine-specific demethylase 3A; JHMD2A; jumonji C domain containing histone demethylase 2A; KIAA0742; TSGA; testis-specific protein A; jumonji domain containing 1; jumonji domain containing 1A;

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jumonji domain-containing protein 1A; jumonji C domain-containing histone demethylase 2A; jmjC domain-containing histone demethylation protein 2A; JMJD1; JHDM2A; JMJD1A; DKFZp686A24246; DKFZp686P07111;

Gene ID 55818

mRNA Refseq NM_001146688

Protein Refseq NP_001140160

MIM 611512

UniProt ID Q9Y4C1

Chromosome Location 2p11.2

Pathway Coregulation of Androgen receptor activity, organism-specific biosystem;

Function androgen receptor binding; iron ion binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen;

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