

Recombinant Human KDM1A protein, His&GST-tagged

Cat. No. KDM1A-8606H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM1A protein(O60341-1)(Ser172-Met852), fused with His and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ser172-Met852
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 2mM DTT, pH 8.0, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human KDM1 /GST chimera consists of 917 amino acids and has a calculated molecular mass of 103.3 kDa. The recombinant protein migrates as an approximately 93 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name KDM1A lysine (K)-specific demethylase 1A [Homo sapiens]

Official Symbol KDM1A

Synonyms KDM1A; lysine (K)-specific demethylase 1A; amine oxidase (flavin containing) domain 2 , AOF2, KDM1, lysine (K) specific demethylase 1; lysine-specific histone demethylase 1A; BHC110; KIAA0601; LSD1; lysine (K)-specific demethylase 1; BRAF35-HDAC complex protein BHC110; lysine-specific histone demethylase 1; amine oxidase (flavin containing) domain 2; FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit; flavin-containing amine oxidase domain-containing protein 2; AOF2; KDM1;

Gene ID 23028

mRNA Refseq NM_001009999

Protein Refseq NP_001009999

MIM 609132

UniProt ID O60341

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