

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) was expressed in Insect Cells, fused with the N-terminal poly histidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	172-852 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 2mM DTT, pH 8.0, 10% gly.
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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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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