

Recombinant Full Length Human KDM1B Protein, GST-tagged

Cat. No. KDM1B-1427HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AOF1 full-length ORF (BAC03663.1, 1 a.a. - 619 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	619 amino acids
Description	Flavin-dependent histone demethylases, such as KDM1B, regulate histone lysine methylation, an epigenetic mark that regulates gene expression and chromatin function (Karytinios et al., 2009 [PubMed 19407342]).[supplied by OMIM, Oct 2009]
Molecular Mass	95 kDa
AA Sequence	MLILPPLLKD SVAAPLLSAY YPDCVGMSPS CTSTNRAAAT GNASPGKLEH SKAALSVHVP GMNRYFQPFY QPNECGKALC VRPDVMELDE LYEFPEYSRD PTMYLALRNL ILALWYTCK EALTPQKCIP HIIVRGLVRI RCVQEVERIL YFMTRKGLIN TGVLSVGADQ YLLPKDYHNK SVIIGAGPA GLAAARQLHN FGIKVTVLEA KDRIGGRVWD DKSFKGVTVG RGAQIVNGCI NNPVALMCEQ LGISMHKFGE RCDLIQEGGR ITDPTIDKRM DFHFNALLDV VSEWRKDKTQ LQDVPLGEKI EEIYKAFIKE SGIQFSELEG QVLQFHLSNL EYACGSNLHQ VSARSWDHNE FFAQFAGDHT LLTPGYSVII EKLAEGLDIQ LKSPVQCIDY SGDEVQVTTT DGTGYSAQKV LVTVPALLQ KGAIQFNPL SEKKMKAINS LGAGIIEKIA LQFPYRFWDS KVQGADFFGH VPPSASKRGL FAVFYDMDPQ

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KKHSVLMSVI AGEAVASVRT LDDKQVLQQC MATLRELFKE QEVDPPTKYF
VTRWSTDPWI QMAYSFVKTG GSGEAYDIIA EDIQGTVFFA GEATNRHFPQ
TVTGayLSGV REASKIAAF

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

KDM1B lysine (K)-specific demethylase 1B [Homo sapiens]

Official Symbol

KDM1B

Synonyms

KDM1B; lysine (K)-specific demethylase 1B; amine oxidase (flavin containing) domain 1 , amine oxidase, flavin containing 1 , AOF1, C6orf193, chromosome 6 open reading frame 193; lysine-specific histone demethylase 1B; bA204B7.3; dJ298J15.2; FLJ33898; FLJ34109; FLJ43328; LSD2; amine oxidase, flavin containing 1; lysine-specific histone demethylase 2; amine oxidase (flavin containing) domain 1; flavin-containing amine oxidase domain-containing protein 1; AOF1; C6orf193; DKFZp686I0412

Gene ID

221656

mRNA Refseq

NM_153042

Protein Refseq

NP_694587

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MIM	613081
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UniProt ID	Q8NB78
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