

Recombinant Human AOF1 protein, GST-tagged

Cat. No. AOF1-642H **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	Wheat Germ
Description	Flavin-dependent histone demethylases, such as KDM1B, regulate histone lysine methylation, an epigenetic mark that regulates gene expression and chromatin function (Karytinos et al., 2009 [PubMed 19407342]).[supplied by OMIM, Oct 2009]
Molecular Mass	95 kDa
AA Sequence	MLILPPLLKDSVAAPLLSAYYPDCVGMSPSCTSTNRAAATGNASPGKLEHСКАALSV HVPGMNRYFQPFYQPNCEGKALCVRPDMELDELYEFPEYSRDPTMYLALRNLILA LWYTNCKEALTPQKCIPHIIVRGLVRIRCVQEVERILYFMTRKGLINTGVLSVGADQYL LPKDYHNKSVIIIIGAGPAGLAAARQLHNFGIKVTVLEAKDRIGGRVWDDKSFKGVTVG RGAQIVNGCINNPNVALMCEQLGISMHKFGERCGLIQEGGRITDPTIDKRMDHFHFNALL DVVSEWRKDKTQLQDVPLGEKIEEIYKAFIKESGIQFSELEGQVLQFHLNLEYACGS NLHQVSARSWDHNEFFAQFAGDHTLLTPGYSVIIEKLAEGLDIQLKSPVQCIDYSGDE VQVTTTDGTGYSAQKVLVTVPLALLQKGAIQFNPPLEKKMKAINSLGAGIIEKIALQF PYRFWDSKVQGADFFGHVPPSASKRGLFAVFYDMDPQKKHSLMSVIAGEAVASV RTLDDKQVLQQCMATLRELFKEQEVDPPTKYFVTRWSTDPWIQMAYSFVKTGGS EAYDIIAEDIQGTVFFAGEATNRHFPQTVTGAYLSGVREASKIAAF

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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
MIM	613081

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UniProt ID

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