

Recombinant Full Length Human MOXD1 Protein, GST-tagged

Cat. No. MOXD1-6318HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MOXD1 full-length ORF (AAH18756.1, 1 a.a. - 613 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	613 amino acids
Description	MOXD1 (Monooxygenase DBH Like 1) is a Protein Coding gene. Diseases associated with MOXD1 include Mesenteric Lymphadenitis. GO annotations related to this gene include copper ion binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, reduced ascorbate as one donor, and incorporation of one atom of oxygen. An important paralog of this gene is DBH.
Molecular Mass	96.1 kDa
AA Sequence	MCCWPLLLLWGLLPGTAAGGSGRTYPHRTLLDSEGKYWLGWSQRGSQIAFRLQVR TAGYVGFSGFSPTGAMASADIVGGVAHGRPYLQDYFTNANRELKKDAQQDYHLEY AMENSTHTIIIEFTRELHTCDINDKSITDSTVRVIWAYHHEDAGEAGPKYHDSNRGTKS LRLLNPEKTSVLSTALPYFDLVNQDVPIPNKDTTYWCQMFKIPVFQEKHHVIKVEPVI QRGHESLVHHILLYQCSNNFNDSVLESGHECYHPNMPDAFLTCTETVIFAWAIGGEGF SYPPHVGLSLGTPLDPHYVLLEVHYDNPTYEEGLIDNSGLRLFYTMDIRKYDAGVIEA GLWVSLFHTIPPGMPEFQSEGHCTLECLEEALEAEKPSGIHVFAVLLHAHLAARGIRL

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RHFRKGKEMKLLAYDDDDFDNFQEFQYLKEEQTILPGDNLITECRYNTKDRAEMTW
 GGLSTRSEMCLSYLLYYPRINLTRCASIPDIMEQLQFIGVKEIYRPVTTWPFIIKSPKQY
 KNLSFMDAMNKFkwTKKEGLSFNELVLSLPVNVRCskTDNAEWSIQGMTALPPDIE
 RPYKAEPLVCGTSSSSSLHRDFSINLLVCLLLLSTLSTKSL

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 [MOXD1 monooxygenase, DBH-like 1 \[Homo sapiens \]](#)

Official Symbol [MOXD1](#)

Synonyms MOXD1; monooxygenase, DBH-like 1; DBH-like monooxygenase protein 1;
 dJ248E1.1; DKFZP564G202; MOX; monooxygenase X; dopamine-oxygenase;
 PRO5780; DKFZp564G202;

Gene ID [26002](#)

mRNA Refseq [NM_015529](#)

Protein Refseq [NP_056344](#)

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MIM	609000
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UniProt ID	Q6UVY6
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