

## Recombinant Human MOXD1 Protein, GST-tagged

**Cat. No.** MOXD1-5492H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MOXD1 full-length ORF ( AAH18756.1, 1 a.a. - 613 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | 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.                                                                           |
| <b>Molecular Mass</b>   | 96.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MCCWPLLLWGLLPGTAAGGSGRTYPHRTLDDSEGKYWLGWSQRGSQIAFRLQVR<br>TAGYVGFSGFSPTGAMASADIVGGVAHGRPYLQDYFTNANRELKKDAQQDYHLEY<br>AMENSTHTIIIEFTRELHTCDINDKSITDSTVRVIWAYHHEDAGEAGPKYHDSNRGTKS<br>LRLLNPEKTSVLSTALPYFDLVNQDVPIPNKDTTYWCQMFKIPVFQEKHHVIKVEPVI<br>QRGHESLVHHILLYQCSNNFNDSVLESGHECYHPNMPDAFLTCTVIFAWAIGGEGF<br>SYPPHVGLSLGTPLDPHYVLLEVHYDNPTYEEGLIDNSGLRFLFYTMDIRKYDAGVIEA<br>GLWVSLFHTIPPGMPEFQSEGHCTLECLEEALEAEKPSGIHVFAVLLHAHLAARGIRL<br>RHFRKGKEMKLLAYDDDFDNFQEFQYLKEEQTILPGDNLITECRYNTKDRAEMTW |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GGLSTRSEMCLSYLLYYPRINLTRCASIPDIMEQLQFIGVKEIYRPVTTWPFIKSPKQY  
KNLSFMDAMNKFkwTKKEGLSFNELVLSLPVNVRCskTDNAEWSIQGMTALPPDIE  
RPYKAEPLVCGTSSSSSLHRDFSINLLVCLLLSCTLSTKSL

**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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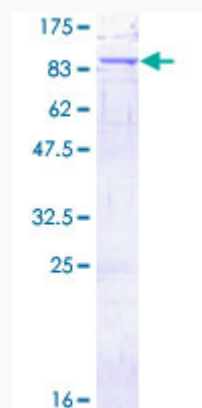
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MIM 609000

UniProt ID Q6UVY6

Quality Control  
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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