Recombinant Human MOXD1 protein, GST-tagged

Cat. No. MOXD1-98H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant MOXD1 protein(21a.a.-120a.a.), fused to GST-tag at N-terminus, was expressed in Wheat Germ and purified by using Glutathione Sepharose 4 Fast Flow.
Species	Human
Source	Wheat Germ
ProteinLength	100
Description	DBH-like 1 maintains many of the structural features of dopamine beta-monooxygenase DBH. Since Peptidylglycine alpha-hydroxylating monooxygenase is homologous to dopamine beta-monooxygenase this concerns a structural basis for a new family of copper type II, significantly specific for ascorbate-dependent monooxygenases based on the corresponding mouse homolog. The pathway of catecholamine synthesis is a possible catecholamine-binding metabolic copper enzyme domain, a neuron-like property encoding MOX without a signal sequence enzyme metabolism resolving the monooxygenase X chemical pathway of an unknown substrate, exogenous MOX is not secreted, and it localizes throughout the endoplasmic reticulum, in both endocrine or nonendocrine cells.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	DYFTNANRELKKDAQQDYHLEYAMENSTHTIIEFTRELHTCDINDKSITDSTVRVIWA

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	YHHEDAGEAGPKYHDSNRGTKSLRLLNPEKTSVLSTALPYFD
Applications	AP, Array, ELISA, WB-Re
Storage	Store at -80 centigrade. Aliquot to avoidrepeated freezing and thawing.

GENE INFORMATION

Gene Name	MOXD1
Official Symbol	MOXD1
Synonyms	DKFZp564G202; MOX; PRO5780; dJ248E1.1
Gene ID	26002
mRNA Refseq	NM_015529.4
Protein Refseq	NP_056344.2
MIM	609000
UniProt ID	Q6UVY6

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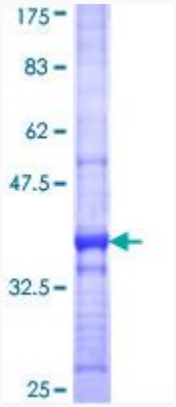
SDS-PAGE of MOXD1-98H	

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