

## Product datasheet for **TP515591**

### Duox1 (NM\_001099297) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual oxidase 1 (Duox1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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**Expression cDNA Clone or AA Sequence:** >MR215591 representing NM\_001099297  
**Red**=Cloning site **Green**=Tags(s)

MGFHLALAWILLVGTLASLGAQNSISWEVQRFDGWYNNLMEHRWGSKGSRLQRLVPASYADGVYQPLKEP  
 YLPNPRHLSNRVMRGSAGQPSLRNRTVLGVFFGYHVLSDLVSVETPGCPAEFLNIYIPHGDPVFDPKRG  
 NVVLPFQRSRWRNTGQSPSNPRDQSNQVTGWLDGSAIYGSSHSWSDTLRSFSGGQLASGPDPAFPSDSQ  
 SSLLMWMAPDPSTGQGGPRGVYAFGAQRGNREPFLQALGLLWFRYHNLCAKLAQEHHPHWGDEELFQHAR  
 KRVIATYQNIAMYEWLPSFLKQTPPEYPGYRPFLDPSISPEFVASEQFLSTMVPSGVYMRNASCHFQGI  
 PSHNSSVSGALRVCNSYWSREHPKLQRAEDVDALLGMASQIAEREDHVVEDMQDFWPGPLKFSRTDYL  
 ASCLQRGRDLGLPSYTKAREALGLSPISHWQDINPALSRSNGTVLEATAALYNQDLSRLELLPGGLLESH  
 GDPGPLFSTIVLDQFVRLRDGDRYWFENTRNLFSKEEIAEIRNTSLRDILVAVTNVDPSALQPNVFFWL  
 AGDPCPQPSQLSAKGLPACAPLFIIRDYFEGSGFGFGLTIGTLCCFPLVLSLAWIVARLRKRNFKRLRQ  
 DRQSIMSEKLVGGVEALEWQGRNEPCRPVLVHLQPGQIRVVDGRLTVLRTIQLRPPQVNLILSSNRGR  
 TLLLKIPKEYDLVLLFNMEERQALVENVRGALKENGLSFQEWELREQELMRAAVTRQQRGHLLLETFFRH  
 LFSQVLDINQADAGTLPLDSSTKVREALTCELSRAEFADSLGLKPQDMFVESMFLADKDGNGYLSFREF  
 LDILVFMKGSPEEKSRMLFRMYDFDGNGLISKDEFIRMLRSFIEISNNCLSKAQLAEVVESEMFRESGFQ  
 DKEELTWEDFHMLRDHSDLRFTQLCVKGVVEPEVIKNLCRRASYISQEKICPSPRMSAHCARNNMKTA  
 SSPQLQCPMDTDPPEIRRRFGKVTFSQPLLFEAHREKFRSRRHQTVQQFKRFIENYRRHIGCVAV  
 FYTITGALFLERAYYAFAAHSGITDTRVGIILSRGTAASISFMFSYILLTMCRNLITFLRETFLNRY  
 IPFDAAVDFHRLIASTAILTVLHSAGHVNVYLFISPLSVLSCLFPGLFHDDGSEFPQKYYWFFQTV  
 PGLTGVLLLLALAIMYVFASHHFRRRSFRGFWLTHHLYIFLYILLIIGSFALIQMPRFHIFFLVPAIY  
 VGDKLVLSLRKKVEISVKAELLPSGVTHLRFQRPQGFYKSGQWVRIACLALGTTEYHPFTLTSAPHED  
 TLSLHIRAAGPWTRLREIYSPPTGDTCARYPKLYLDGPFGEHGEWHKFEVSVLVGGGIGVTPFASILK  
 DLVFKSSVSCQVFCKIYFIWVTRTQRQFEWLADIIEVEENDRQDLVSVHIYITQLAEKFDLRTTMLYI  
 CERHFQKVLNRSFLTGLRSITHFGRPPFEPFFNSLQEVHPQVRKIGVFSCGPPGMTKNVEKACQLINRQD  
 RTHFSHHYENF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK  
**Predicted MW:** 177.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C after receiving vials.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_001092767](#)  
**Locus ID:** 99439

UniProt ID: [A2AQ92](#)  
RefSeq Size: 5267  
Cytogenetics: 2 E5  
RefSeq ORF: 4653  
Synonyms: 9930101G15Rik; AW987690; Duox2; LNOX1; LNOX2; NOXEF1; NOXEF2; P138-TOX; THOX1; THOX2