

## Product datasheet for **TP310106M**

### **MOX1 (MEOX1) (NM\_004527) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human mesenchyme homeobox 1 (MEOX1), transcript variant 1, 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC210106 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MDPAASSCMRSLQPPAPVWGCLRNPHEGNGASGLPHYPPTPFSFHQKPDFLATATAAYPDFSASCLAAT  
PHSLPQEEHIFTEQHPAFPQSPNWHFPVSDARRRPNSGPAGGSKEMGTSSLGLVDTTGGPGDDYGVLGST  
ANETEKKSSRRRKESSDNQENRGKPEGSSKARKERTAFTKEQLRELEAEFAHHNYLTRLRRYEIAVNLDL  
SERQVKVWFQNRMMKWKRVKGGQPISPNGQDPEDGDSTASPSSE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 27.8 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  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**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.  
**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\\_004518](#)  
**Locus ID:** 4222



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UniProt ID: [P50221](#)

RefSeq Size: 2330

Cytogenetics: 17q21.31

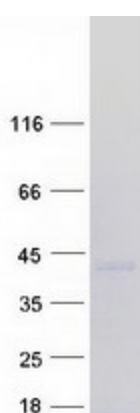
RefSeq ORF: 762

Synonyms: KFS2; MOX1

**Summary:** This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the molecular signaling network regulating somite development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified MEOX1 protein (Cat# [TP310106]). The protein was produced from HEK293T cells transfected with MEOX1 cDNA clone (Cat# [RC210106]) using MegaTran 2.0 (Cat# [TT210002]).