

## Product datasheet for **TP305957M**

### **RHOXF2 (NM\_032498) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human Rhox homeobox family, member 2 (RHOXF2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC205957 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MEPPDQCSQYMTSLLSPAVDDEKELQDMNAMVLSLTEEVKEEEEDAQPEPEQGTAAGEKLSAGAQQGEE  
KGGGEEKDGGGAGVPGHLWEGDLEGTSGSDGNVEDSDQSEKEPGQQYSRPQGAVGGLEPGNAQQPNVHA  
FTPLQLQELERIFQREQFPSEFLRRRLARSMNVTELAVQIWFENRRRAKWRRHQALMARNMLPFMAVGQP  
VMVTAAEAITAPLFISGMRDDYFWDHSHSSSLCFMPPPPPSLPLPLMLLPPMPPAGQAEFGPPFVIV  
PSFTFPNV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 31.5 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\\_115887](#)

**Locus ID:** 84528



[View online »](#)

UniProt ID: [Q9BQY4](#)

RefSeq Size: 1297

Cytogenetics: Xq24

RefSeq ORF: 864

Synonyms: CT107; PEPP-2; PEPP2; THG1

**Summary:** This gene, which encodes a transcriptional repressor, is one of two paralogous X-linked homeobox-containing genes and is highly expressed in a variety of cancers. In addition, the encoded protein associates with the cell membrane and with microtubules, and is concentrated at the leading edge of migratory cells. [provided by RefSeq, Dec 2015]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified RHOXF2 protein (Cat# [TP305957]). The protein was produced from HEK293T cells transfected with RHOXF2 cDNA clone (Cat# [RC205957]) using MegaTran 2.0 (Cat# [TT210002]).