

## Product datasheet for **TP303083**

### **FXC1 (TIMM10B) (NM\_012192) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human fracture callus 1 homolog (rat) (FXC1), nuclear gene encoding mitochondrial protein, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203083 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MERQQQQQQQLRNLRDFFLLVYNRMTELCFQRCVPSLHHRALDAEEEEACLHSCAGKLIHSNHRLMAAYVQL  
MPALVQRRIADYEAASAVPSVAEEQPGVSPSGS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 11.4 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\\_036324](#)

**Locus ID:** 26515

**UniProt ID:** [Q9Y5J6](#), [B2R4A9](#)

**RefSeq Size:** 2861



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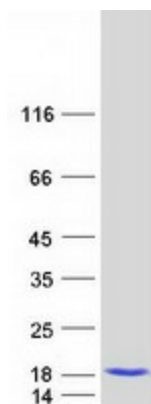
Cytogenetics: 11p15.4

RefSeq ORF: 309

Synonyms: FXC1; Tim9b; TIM10B

**Summary:** FXC1, or TIMM10B, belongs to a family of evolutionarily conserved proteins that are organized in heterooligomeric complexes in the mitochondrial intermembrane space. These proteins mediate the import and insertion of hydrophobic membrane proteins into the mitochondrial inner membrane.[supplied by OMIM, Apr 2004]

### Product images:



Coomassie blue staining of purified TIMM10B protein (Cat# TP303083). The protein was produced from HEK293T cells transfected with TIMM10B cDNA clone (Cat# [RC203083]) using MegaTran 2.0 (Cat# [TT210002]).