

## Product datasheet for **TP303518M**

### **FBXO31 (NM\_024735) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human F-box protein 31 (FBXO31), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	Recombinant protein was produced with TrueORF clone, RC203518.
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	60.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_079011</a>
<b>Locus ID:</b>	79791
<b>UniProt ID:</b>	<a href="#">Q5XUX0</a>
<b>RefSeq Size:</b>	5990
<b>Cytogenetics:</b>	16q24.2
<b>RefSeq ORF:</b>	1101
<b>Synonyms:</b>	FBX14; Fbx31; FBXO14; MRT45; pp2386



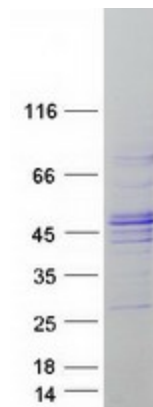
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**Summary:**

This gene is a member of the F-box family. Members are classified into three classes according to the substrate interaction domain, FBW for WD40 repeats, FBL for leucine-rich repeats, and FBXO for other domains. This protein, classified into the last category because of the lack of a recognizable substrate binding domain, has been proposed to be a component of the SCF ubiquitination complex. It is thought to bind and recruit substrate for ubiquitination and degradation. This protein may have a role in regulating the cell cycle as well as dendrite growth and neuronal migration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

**Protein Families:**

Druggable Genome

**Product images:**

Coomassie blue staining of purified FBXO31 protein (Cat# [TP303518]). The protein was produced from HEK293T cells transfected with FBXO31 cDNA clone (Cat# [RC203518]) using MegaTran 2.0 (Cat# [TT210002]).