

## Product datasheet for **TP308458M**

### **FBXO4 (NM\_012176) Human Recombinant Protein**

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human F-box protein 4 (FBXO4), transcript variant 1, 100 µg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC208458 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)       |

MAGSEPRSGTNSPPPPFSDWGRLEAAILSGWKTFWQSVSKERVARTTSREEVDEAASTLTRLPIDVQLYI  
LSFLSPHDLCQLGSTNHYWNETVRDPILWRYFLLRDLPSWSSVDWKSPLDLEILKKPISEVTDGAFFDYM  
AVYRMCCPYTRRASKSSRPMYGAVTSFLHSLIIQNEPRFAMFGPGLEELNTSLVLSLMSSEELCPTAGLP  
QRQIDGIGSGVNFQLNNQHKFNILILYSTTRKERDRAREEHTSAVNKMFSRHNEGDDQQGSRYVIPQIQ  
KVCEVVDGFIYVANAEAHKRHEWQDEFESHIMAMTDPAFGSSGRPLLVLSCISQGDVCRMPCFYLAHELHL  
NLLNHPWLVDTEAETLTGFLNGIEWILEEVESKRAR

**SGP**TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 44 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:        | <a href="#">NP_036308</a>  |
| Locus ID:      | 26272  |



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UniProt ID: [Q9UKT5](#), [B3KNA0](#)

RefSeq Size: 1523

Cytogenetics: 5p13.1

RefSeq ORF: 1161

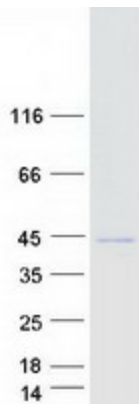
Synonyms: FBX4

**Summary:** This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

**Protein Families:** Druggable Genome

**Protein Pathways:** Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified FBXO4 protein (Cat# [TP308458]). The protein was produced from HEK293T cells transfected with FBXO4 cDNA clone (Cat# [RC208458]) using MegaTran 2.0 (Cat# [TT210002]).