**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for TP306812L

## MAX (NM_145112) Human Recombinant Protein

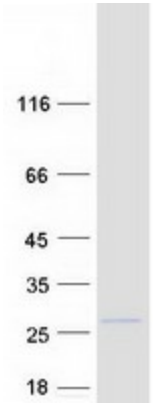
### Product data:

| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Recombinant protein of human MYC associated factor X (MAX), transcript variant 2, 1 mg |
| **Species:** | Human |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >RC206812 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MSDNDDIEVESDADKRAHHNALERKRRDHIKDSFHSLRDSVPSLQGEKASRAQILDKATEYIQYMRRKNH<br>THQQDIDDLKRQNALLEQQVRALEKARSSAQLQTNYPSSDNSLYTNAKGSTISAFDGCSDSSSESEPEEP<br>QSRKKLRMEAS<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Predicted MW:** | 17 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_660087 |
| **Locus ID:** | 4149 |
| **UniProt ID:** | P61244, Q8TAX8 |
| **RefSeq Size:** | 2018 |

View online »

| | |
|---|---|
| **Cytogenetics:** | 14q23.3 |
| **RefSeq ORF:** | 453 |
| **Synonyms:** | bHLHd4 |
| **Summary:** | The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Mutations of this gene have been reported to be associated with hereditary pheochromocytoma. A pseudogene of this gene is located on the long arm of chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012] |
| **Protein Families:** | Druggable Genome, Transcription Factors |
| **Protein Pathways:** | MAPK signaling pathway, Pathways in cancer, Small cell lung cancer |

## Product images:




Coomassie blue staining of purified MAX protein (Cat# [TP306812]). The protein was produced from HEK293T cells transfected with MAX cDNA clone (Cat# [RC206812]) using MegaTran 2.0 (Cat# [TT210002]).