

## Product datasheet for **TP303047**

### **MED31 (NM\_016060) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human mediator complex subunit 31 (MED31), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC203047 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAAVAMETDDAGNRLRFQLELEFVQCLANPNYLNFLAQRGYFKDKAFVNYLKYLLYWKDPEYAKYLKYP  
QCLHMLELLQYEHFRKELVNAQCAKFIDEQQILHWQHYSRKRMLQQALAEQQQNNTSGK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 15.6 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\\_057144](#)

**Locus ID:** 51003

**UniProt ID:** [Q9Y3C7](#)

**RefSeq Size:** 1656

**Cytogenetics:** 17p13.1



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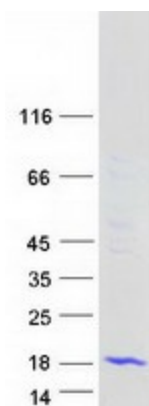
RefSeq ORF: 393

Synonyms: 3110004H13Rik; CGI-125; Soh1

**Summary:** Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified MED31 protein (Cat# TP303047). The protein was produced from HEK293T cells transfected with MED31 cDNA clone (Cat# [RC203047]) using MegaTran 2.0 (Cat# [TT210002]).