

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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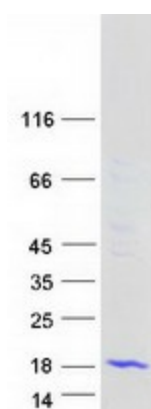
RefSeq ORF: 393

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]).