

Product datasheet for **TP303047M**

MED31 (NM_016060) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mediator complex subunit 31 (MED31), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203047 protein sequence Red =Cloning site Green =Tags(s) MAAAVAMETDDAGNRLRFQLELEFVQCLANPNYLNFLAQRGYFKDKAFVNYLKYLWYWDPEYAKYLKYP QCLHMLELLQYEHFRKELVNAQCAKFIDEQQILHWQHYSRKRMRLLQALAEQQQNNTSGK TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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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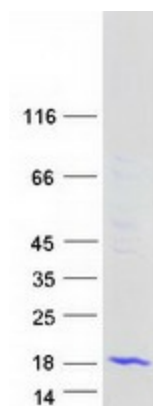
RefSeq ORF: 393

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]).