

## Product datasheet for PH303047

### MED31 (NM\_016060) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MED31 MS Standard C13 and N15-labeled recombinant protein (NP_057144)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203047
Predicted MW:	15.8 kDa
Protein Sequence:	<p>&gt;RC203047 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAAAVAMETDDAGNRLRFQLELEFVQCLANPNYLNFLAQRGYFKDKAFVNYLKYLWYKDPYAKYLYKYP            QCLHMLELLQYEHFRKELVNAQCAKFIDEQQILHWQHYSRKRMLQQALAEQQQNNNTSGK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_057144</a>
RefSeq Size:	1656
RefSeq ORF:	393
Synonyms:	3110004H13Rik; CGI-125; Soh1
Locus ID:	51003
UniProt ID:	<a href="#">Q9Y3C7</a>
Cytogenetics:	17p13.1

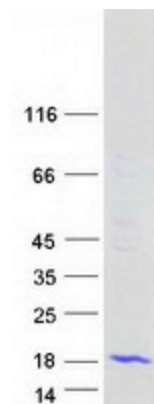

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**Summary:**

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]).