Recombinant Human MED31 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MED31-2587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MED31 MS Standard C13 and N15-labeled recombinant protein (NP_057144) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	15.8 kDa
AA Sequence	MAAAVAMETDDAGNRLRFQLELEFVQCLANPNYLNFLAQRGYFKDKAFVNYLKYLL YWKDPEYAKYLKYPQCLHMLELLQYEHFRKELVNAQCAKFIDEQQILHWQHYSRKR MRLQQALAEQQQQNNTSGKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

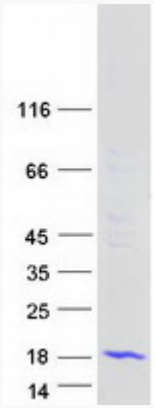
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MED31 mediator complex subunit 31 [Homo sapiens (human)]
Official Symbol	MED31
Synonyms	MED31; mediator complex subunit 31; mediator of RNA polymerase II transcription, subunit 31 homolog (S. cerevisiae); mediator of RNA polymerase II transcription subunit 31; CGI 125; Soh1; hSOH1; mediator complex subunit SOH1; mediator of RNA polymerase II transcription, subunit 31 homolog; CGI-125; 3110004H13Rik; FLJ27436; FLJ36714;
Gene ID	51003
mRNA Refseq	NM_016060
Protein Refseq	NP_057144
UniProt ID	Q9Y3C7

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SDS-PAGE	

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