

Recombinant Human HIRIP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HIRIP3-2614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HIRIP3 MS Standard C13 and N15-labeled recombinant protein (NP_003600) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The HIRA protein shares sequence similarity with Hir1p and Hir2p, the two corepressors of histone gene transcription characterized in the yeast, <i>Saccharomyces cerevisiae</i>. The structural features of the HIRA protein suggest that it may function as part of a multiprotein complex. Several cDNAs encoding HIRA-interacting proteins, or HIRIPs, have been identified. In vitro, the protein encoded by this gene binds HIRA, as well as H2B and H3 core histones, indicating that a complex containing HIRA-HIRIP3 could function in some aspects of chromatin and histone metabolism. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Molecular Mass	62 kDa
AA Sequence	MAREKEMQEFTRSFFRGRPDLSTLTHSIVRRRYLAHSGRSHLEPEEKQALKRLVEE ELLKMQVDEAASREDKLDLTKKGKRPPTPCSDPERKRFRFNSESESGSEASSPDYF GPPAKNGVAAEVSPAKEENPRRASKAVEESSDEERQRDLPAQRGEESSEEEKGY KGKTRKKPVVKKQAPGKASVSRKQAREESESEAEPAVQRTAKKVEGNKGTKSLKE

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SEQESEEEILAQKKEQREEEVEEEKEEDEEKGDWKPRTSNGRRKSAREERSCK
 QKSQAKRLLGSDSDEEEQKEAASSGDDSGRDREPPVQRKSEDRTQLKGGKRLSG
 SSEDEEDSGKGEP TAKGSRKMARLGSTSGEESDLEREVS DSEAGGGPQGERKNR
 SSKKSSRKGRTRSSSSSSDGSPEAKGGKAGSGRRGEDHPAVMRLKRYIRACGAHR
 NYKKLLGSCCSHKERLSILRAELEALGMKGTPSLGKCRALKEQREEAAEVASLDVAN
 IISGSGRPRRTAWNPLGEAAPP GELYRRTLDSDEERPRPAPPDWSHMRGISSDG
 ESNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 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 HIRIP3 HIRA interacting protein 3 [Homo sapiens (human)]

Official Symbol HIRIP3

Synonyms HIRIP3; HIRA interacting protein 3; HIRA-interacting protein 3;

Gene ID 8479

mRNA Refseq NM_003609

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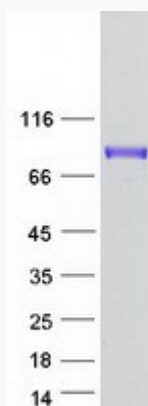
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Protein Refseq NP_003600

MIM 603365

UniProt ID Q9BW71

SDS-PAGE



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