

## Product datasheet for PH300510

### HIRIP3 (NM\_003609) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HIRIP3 MS Standard C13 and N15-labeled recombinant protein (NP_003600)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200510
Predicted MW:	62 kDa
Protein Sequence:	>RC200510 protein sequence Red=Cloning site Green=Tags(s)

MAREKEMQEFTRSFRRGRPDSTLTHSIVRRRYLAHSGRSHLEPEEKQALKRLVEEELLKMQVDEAASRE  
DKLDLTKKGRPPTPCSDPERKRFNFSESESGSEASSPDYFGPPAKNGVAAEVSPAKEENPRRASKAVE  
ESSDEERQRDLPAQRGEESSEEEKGYKTRKKPVVKKQAPGKASVSRKQAREESEEAEPVQRTAKK  
VEGNGKTKSLKESEEEEEILAQKKEQREEEVEEEKEEDEEKGDWKPRTRSNRRKSAREERSCKQKS  
QAKRLLGDSDEEQKEAASSGDDSGRDREPPVQRKSEDRTQLKGGKRLSGSSEDEEDSGKGEPTAKGSR  
KMARLGTSGEESDLEREVSDSEAGGGPQGERKNRSSKSSRKGRTRSSSSSDGSPEAKGGKAGSGRRG  
EDHPAVMRLKRYIRACGAHRNYKLLGSCCSHKERLSILRAELEALGMKGTPSLGKCRALKEQREEAEEV  
ASLDVANIISGSGRPRRTAWNPLGEAAPPGELYRRTLDSDEERPRPAPPDWSHMRGIISSDGESN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u>NP_003600</u>
RefSeq Size:	3065
RefSeq ORF:	1668

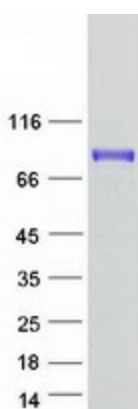


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Locus ID: 8479  
UniProt ID: [Q9BW71](#)  
Cytogenetics: 16p11.2  
Summary:

The HIRA protein shares sequence similarity with Hir1p and Hir2p, the two corepressors of histone gene transcription characterized in the yeast, *Saccharomyces cerevisiae*. 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.[provided by RefSeq, Aug 2011]

### Product images:



Coomassie blue staining of purified HIRIP3 protein (Cat# [TP300510]). The protein was produced from HEK293T cells transfected with HIRIP3 cDNA clone (Cat# [RC200510]) using MegaTran 2.0 (Cat# [TT210002]).