Recombinant Human PSMC3IP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSMC3IP-4450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSMC3IP MS Standard C13 and N15-labeled recombinant protein (NP_037422) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that functions in meiotic recombination. It is a subunit of the PSMC3IP/MND1 complex, which interacts with PSMC3/TBP1 to stimulate DMC1- and RAD51-mediated strand exchange during meiosis. The protein encoded by this gene can also co-activate ligand-driven transcription mediated by estrogen, androgen, glucocorticoid, progesterone, and thyroid nuclear receptors. Mutations in this gene cause XX female gonadal dysgenesis. Alternative splicing of this gene results in multiple transcript variants.
Molecular Mass	23.6 kDa
AA Sequence	MSKGRAEAAAGAAGILLRYLQEQNRPYSSQDVFGNLQREHGLGKAVVVKTLEQLAQ QGKIKEKMYGKQKIYFADQDQFDMVSDADLQVLDGKIVALTAKVQSLQQSCRYMEA EMQKEIQELKKECAGYRERLKNIKAATNHVTPEEKEQVYRERQKYCKEWRKRKRM ATELSDAILEGYPKSKKQFFEEVGIETDEDYNVTLPDPTRTRPLEQKLISEEDLAANDI LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

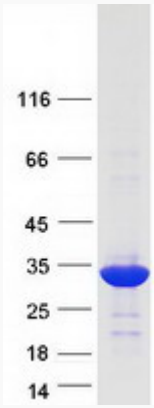
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PSMC3IP PSMC3 interacting protein [Homo sapiens (human)]
Official Symbol	PSMC3IP
Synonyms	PSMC3IP; PSMC3 interacting protein; homologous-pairing protein 2 homolog; GT198; HUMGT198A; TBP 1 interacting protein; TBPIP; DBD-interacting; TBP-1-interacting protein; nuclear receptor coactivator GT198; tat-binding protein 1-interacting protein; proteasome 26S ATPase subunit 3-interacting protein; HOP2; ODG3;
Gene ID	29893
mRNA Refseq	NM_013290
Protein Refseq	NP_037422
MIM	608665
UniProt ID	Q9P2W1

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SDS-PAGE	

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