

Recombinant Human CHD1L Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHD1L-2509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHD1L MS Standard C13 and N15-labeled recombinant protein (NP_004275) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a DNA helicase protein involved in DNA repair. The protein converts ATP to add poly(ADP-ribose) as it regulates chromatin relaxation following DNA damage. Overexpression of this gene has been linked to several types of cancers.
Molecular Mass	100.8 kDa
AA Sequence	MERAGATSRGGQAPGFLLRLHTEGRAEAARVQEQLRQWGLTGIHLRSYQLEGVN WLAQRFHCQNGCILGDEMGLGKTCQTIALFIYLAGRLNDEGPFLILCPLSVLSNWKE EMQRFAPGLSCVTYAGDKEERACLQQDLKQESRFHVLLTTYEICKDASFLKSFPW SVLVVDEAHRLKNQSSLLHKTLSSEFSVVSLLLTGTPIQNSLQELYSLLSFVEPDLSK EEVGDFIQRYQDIEKESASELHKLLQPFLRRVKAEVATELPKKTEVVIYHGMSAL QKKYYKAILMKDLDAFENETAKKVKLQNILSQLRKCDHPYLFDGVEPEPFEVGDHL TEASGKLHLLDKLLAFLYSGGHRVLLFSQMTQMLDILQDYMDYRGYSYERVDGSVR GEERHLAIKNFGQQPIFVLLSTRAGGVGMNLTAADTVIFVDSDFNPQNDLQAAARA HRIGQNKSVKVIRLIGRDTVEEIVYRKAASKLQLTNMIEGGHFTLGAQKPAADADLQL

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SEILKFGLDKLLASEGSTMDEIDLESILGETKDGQWVSDALPAAEGGSRDQEEGKNH
MYLFEGKDYKSKEPSKEDRKSFEQLVNLQKTLLEKASQEGRSLRNKGSVLIPGLVEGS
TKRKRVLSPEELEDQRQKKRQEAAAKRRRLIEEKKRQKEEAHKKKMAWWESNNYQ
SFCLPSEESEPEDLENGEESSAELDYQDPDATSLKYVSGDVTHPQAGAEDALIVHC
VDDSGHWGRGGLFTALEKRSAEPRKIYELAGKMKDLSLGGVLLFPVDDKESRNKG
QDLLALIVAQHRDRSNVLSGIKMAALEEGLKKIFLAACKKKASVHLPRIGHATKGFNW
YGTERLIRKHLAARGIPTIYYFPRSKSAVLHAQSSSSSRQLVPTTRTRPLEQKLISEE
DLAANDILDYKDDDDKV

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 CHD1L chromodomain helicase DNA binding protein 1-like [Homo sapiens (human)]

Official Symbol CHD1L

Synonyms CHD1L; chromodomain helicase DNA binding protein 1-like; ALC1; CHDL; chromodomain-helicase-DNA-binding protein 1-like; amplified in liver cancer 1; amplified in liver cancer protein 1; EC 3.6.4.12

Gene ID 9557

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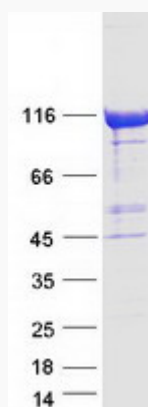
mRNA Refseq [NM_004284](#)

Protein Refseq [NP_004275](#)

MIM [613039](#)

UniProt ID [Q86WJ1](#)

SDS-PAGE



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