

Recombinant Human WWC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WWC1-6176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WWC1 MS Standard C13 and N15-labeled recombinant protein (NP_056053) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a cytoplasmic phosphoprotein that interacts with PRKC-zeta and dynein light chain-1. Alleles of this gene have been found that enhance memory in some individuals. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	125.1 kDa
AA Sequence	MPRPELPLPEGWEEARDFDGKVYYIDHTNRTTSWIDPRDRYTKPLTFADCISDELPL GWEEAYDPQVGDFIDHNTKTTQIEDPRVQWRREQEHMLKDYLVAQEALSAQKEI YQVKQQRLELAQQEYQQLHAVWEHKLGSQVSLVSGSSSSSKYDPEILKAEIATAKS RVNKLKREMVHLQHELQFKERGFQTLKKIDKKMSDAQGSYKLDEAQAVALRETKAIKK AITCGEKEKQDLIKSLAMLKDGFRTRDGRSHSDLWSSSSSLESSSFPLPKQYLDVSSQ TDISGSFGINSNNQLAEKVRLRLRYEEAKRRIANLKIQLAKLDSEAWPGVLDSEDRDL ILINEKEELLKEMRFISPRKWTQGEVEQLEMARKRLEKDLQAARDTQSKALTERLKLN SKRNQLVRELEEATRQVATLHSQLKSLSSSMQSLSSGSSPGSLTSSRGSVASSLD SSTSASFTDLYYDPFEQLDSELQSKVEFLLLEGATGFRPSGCITTIHEDEVAKTQKAE

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GGGRLQALRSLSGTPKSM TSLSPRSSLSSPSPPC SPLMADPLL AGDAFLNSLEFED
 PELSATLCELSLGN SAQERYRLEEPGTEGKQLGQAVNTAQGCGLKVACVSA AVSDE
 SVAGDSGVYEASVQRLGASEAAAFDSDESEAVGATRIQIALKYDEKNKQF AILIIQLS
 NLSALLQQQDQKV NIRVAVLPCSESTTCLFRTRPLDASDTLVFNEVFWV SMSYPALH
 QKTLRVDVCTTDRSHLEEC LGGAQISLA EVC RSGERSTRWYNLLSYKYLKKQSREL
 KPVGVMAPASGPASTDAVSALLEQTAVELEKRQEGRSSTQTLED SWRYEETSENE
 AVAE EEEEEEEVEEGEEDVFTEKASPDMDGYPALKVDKETNTETPAPSPTVVRPKDR
 RVGTPSQGPFLRGSTIIRSKTFSPGPQSQYVCRLNRSDSDSSTLSKKPPFVRNSLER
 RSVRMKRPSSVKSLR SERLIRTSLDLELDLQATRTWHSQLTQEISVLKELKEQLEQA
 KSHGEKELPQWLREDERFRLLLRLM LEK RMDRAEHKGELQTDKMMRAAAKDVHRLR
 GQSCKEPPEVQSFREKMAFFTRPRMNIPALSADDVTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

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 WWC1 WW and C2 domain containing 1 [Homo sapiens (human)]

Official Symbol WWC1

Synonyms WWC1; WW and C2 domain containing 1; WW, C2 and coiled coil domain containing

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1; protein KIBRA; KIAA0869; KIBRA; protein WWC1; HBeAg-binding protein 3; kidney and brain protein; WW, C2 and coiled-coil domain containing 1; HBEBP3; HBEBP36; FLJ10865; FLJ23369;

Gene ID [23286](#)

mRNA Refseq [NM_015238](#)

Protein Refseq [NP_056053](#)

MIM [610533](#)

UniProt ID [Q8IX03](#)

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