

Recombinant Human CTNNBL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTNNBL1-2189H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTNNBL1 MS Standard C13 and N15-labeled recombinant protein (NP_110517) 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 component of the pre-mRNA-processing factor 19-cell division cycle 5-like (PRP19-CDC5L) protein complex, which activates pre-mRNA splicing and is an integral part of the spliceosome. The encoded protein is also a nuclear localization sequence binding protein, and binds to activation-induced deaminase and is important for antibody diversification. This gene may also be associated with the development of obesity. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome.
Molecular Mass	65 kDa
AA Sequence	MDVGELLSYQPNRGTKRPRDDEEEEQKMRRKQTGTRERGRYREEEMTVVEEADD DKKRLLQIIDRDGEEEEEEEEPLDESSVKKMILTFEKRSYKNQELRIKFPDNPEKFM SELDLNDIIQEMHVVATMPDLYHLLVELNAVQSLLGLLGHDNTDVSIAVVDLLQELTDI DTLHESEEGAELVDLALVDGQVVALLVQNLRLDES VKEEADGVHNTLAIVENMAEF RPEMCTEGAQQGLLQWLLKRLKAKMPFDANKLYCSEVLAILLQDNDENRELLGELD

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GIDVLLQQLSVFKRHNPTAAEQEMMENLFDSLCSCMLSSNRERFLKGEGQLQMN
 LMLREKKISRSSALKVLDHAMIGPEGTDNCHKFVDILGLRTIFPLFMKSPRKIKKVGTT
 EKEHEEHVCSILASLLRNLRGQQRTLLNKFTENDSEKVDRLMELHFKYLGAMQVA
 DKKIEGEKHDMVRRGEIIDNDTEEEFYLRRLDAGLFVLQHICYIMAEICNANVPQIRQR
 VHQILNMRGSSIKIVRHIIKEYAENIGDGRSPEFRENEQKRILGLENFTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

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 CTNNBL1 catenin beta like 1 [Homo sapiens (human)]

Official Symbol CTNNBL1

Synonyms CTNNBL1; catenin, beta like 1; C20orf33, chromosome 20 open reading frame 33; beta-catenin-like protein 1; FLJ21108; NAP; nuclear associated protein; NYD SP19; P14; P14L; nuclear-associated protein; testis development protein NYD-SP19; PP8304; C20orf33; NYD-SP19; dJ633O20.1;

Gene ID 56259

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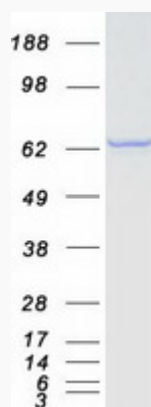
mRNA Refseq NM_030877

Protein Refseq NP_110517

MIM 611537

UniProt ID Q8WYA6

SDS-PAGE



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