

32-8614: Recombinant Mouse Catenin beta-1/ beta-Catenin/CTNNB1 (C-6His)(Discontinued)

Gene : Ctnnb1
Gene ID : 12387
Uniprot ID : Q02248

Description

Source: Human Cells.
MW :86.5kD.

Recombinant Mouse Catenin beta-1 is produced by our Mammalian expression system and the target gene encoding Met1-Leu781 is expressed with a 6His tag at the C-terminus. Catenin beta-1, also called CTNNB1, is a cytoplasm and nucleus protein of the beta-catenin family. CTNNB1 is a key component of the cadherin cell-cell adhesion system that serves important roles in cell development, differentiation, maintenance of normal tissue architecture, and when dysregulated contributes to tumor invasion and metastasis. The mutations and overexpression of CTNNB1 are associated with many cancers, such as hepatocellular carcinoma, colorectal carcinoma, lung cancer, malignant breast tumors, ovarian and endometrial cancer. CTNNB1 is involved in signal transduction through the Wnt pathway, and is widely expressed in many tissues.

Product Info

Amount : 6His) / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MATQADLMELDMAMEPDRKAAVSHWQQSYLDSGIHSGATTTAPSLSGKGNPEEEDVDTSQVLYEWEQGFSSFTQEQVADIDGQYAMTRAQRVRAAMFPETLDEGMQIPSTQFDDAAHPTNVQRLAEPQMLKHAVVNLINQDDAELATRAIPELTKLLNDEDQVVVNKAAMVHQLSKKEASRHAIMRSPQMVSIVRTMQNTNDVETARCTAGTLHNLSHHREGLLAIFKSGGIPALVKMLGSPVDSVLFYAITTLHNLLHQEGAKMAVRLAGGLQKMOVALLNKTNVKFLAITTDCLQILAYGNQESKLIILASGGPQALVNIMRTYTYEKLLWTTSRVLKLSVCSSNKPAIVEAGGMQALGLHLLTDPQRSRLVQNCLWTLRNLSDAATKQEGMEGLLGLTLVQLLGSDDINVVTCAGILSNLTCNNYKNKMMVCQVGGIEALVRTVLRAGDREDITEPAICALRHLSRHQEAEMAQNAVRLHYGLPVVVKLLHPPSHWPLIKATVGLIRNLALCPANHAPLREQGAIPRLVQLLVRAHQDTQRRTSMGGTQQQFVEGVRMEEIVEGCTGALHILARDVHNRIVIRGLNTIPLFVQLLYSPIENIQRVAAGVLCELAQDKEAAEAIEAGATAPLTELHLSRNEGVATYAAAVLFRMS
EDKPQDYKRLSVELTSSLFRTEPMAWNETADLGLDIGAQGEALGYRQDDPSYRSFHSGGYGQDALGMDPM
MEHEMGGHHPGADYPVDGLPDLGHAQDLMDGLPPGDSNQLAWFDTDLVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.