

Recombinant Human COPB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COPB2-3684H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COPB2 MS Standard C13 and N15-labeled recombinant protein (NP_004757) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The Golgi coatomer complex constitutes the coat of nonclathrin-coated vesicles and is essential for Golgi budding and vesicular trafficking. It consists of 7 protein subunits, including COPB2.
Molecular Mass	102.5 kDa
AA Sequence	MPLRLDIKRKLTARSDRVKSVDLHPTEPWMLASLYNGSVCVWNHETQTLVKTFEVC DLPVRAAKFVARKNWWVTGADDMQIRVFNYNTLERVHMFEAHSDYIRCIAVHPTQP FILTSSDDMLIKLWDWDKKWSCSQVFEGHTHYVMQIVINPKDNNQFASASLDRTIKV WQLGSSSPNFTLEGHEKGVNCIDYYSGGDKPYLISGADDRLVKIWDYQNKTCVQTL EGHAQNVSCASFHPELPIITGSEDGTVRIWHSSTYRLESTLNYGMERVWCVASLRG SNNVALGYDEGSIIVKLGREEPAMSMDANGKIIWAKHSEVQQANLKAMGDAEIKDGE RLPLAVKDMGSCEIYPQTIQHNPNGRFVVCGDGEYIIYTAMALRNKSFGSAQEFW AHDSSSEYAIRESNSIVKIFKNFKEKKSFKPDFGAESYGGFLLGVRVSVNGLAFYDWDN TELIRRIEIQPKHIFWSDSGELVCIATEESFFILKYLSEKVLAAQETHEGVTEGDIEDAF EVLGEIQEIVKTGLWVGDCFIYTSSVNRLNYYYVGGEIVTIAHLDRMTMYLLGYIPKDNRL

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YLGDKELNIISYSLLVSVLEYQTAVMRRDFSMADKVLPTIPKEQRTRVAHFLEKQGFK
 QQALTVSTDPEHRFELALQLGELKIAYQLAVEAESEQKWKQLAELAISKCQFGLAQE
 CLHHAQDYGGLLLLATASGNANMVNKLAEAGAERDGGKNNVAFMSYFLQGKVDACLE
 LLIRTGRLPEAAFLARTYLPSQVSRVVKLWRENLSKVNQKAAESLADPTEYENLFPG
 LKEAFVVEEWVKETHADLWPAKQYPLVTPNEERNVMEEGKDFQPSRSTAQQELDQ
 KPASPTPVIVASHTANKEEKSLLLEVDLDNLELEDIDTTDINLDEDILDDTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

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 [COPB2](#) [COP1 coat complex subunit beta 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [COPB2](#)

Synonyms COPB2; coatomer protein complex, subunit beta 2 (beta prime); coatomer subunit beta; beta COP; betaprime COP; p102; betaprime-COP; beta-coat protein; coatomer binding complex, beta prime subunit; beta-COP;

Gene ID [9276](#)

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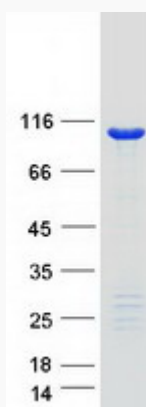
mRNA Refseq NM_004766

Protein Refseq NP_004757

MIM 606990

UniProt ID P35606

SDS-PAGE



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