

Recombinant Full Length Human COPB2 Protein, C-Flag-tagged

Cat. No. COPB2-1384HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human COPB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The Golgi coatomer complex (see MIM 601924) constitutes the coat of nonclathrin-coated vesicles and is essential for Golgi budding and vesicular trafficking. It consists of 7 protein subunits, including COPB2.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	102.3 kDa
AA Sequence	MPLRLDIKRKLTARSDRVKSVDLHPTPEWMLASLYNGSVCVWNHETQTLVKTFEVC DLPVRAAKFVARKN WVTGADDMQIRVFNYNTLERVHMFEAHSDYIRCIHVHTPTQP FILTSSDDMLIKLWDWDKKWSCSQVFEG HTHYVMQIVINPKDNNQFASASLDRITKV WQLGSSSPNFTLEGHEKGVNCIDYYSGGDKPYLISGADDRL VKIWDYQNKTCVQTL EGHAQNVSCASFHPELPIITGSEDGTVRIWHSSTYRLESTLNYGMERVWCVASL R GSNNVALGYDEGSIIVKLGREEPAMSDANGKIIWAKHSEVQQANLKAMGDAEIKD GERLPLAVKDMGS CEIYPQTIQHNPNGRFVVVCGDGEYIIYTAMALRNKSFSGSAQE FAWAHDSSEYAIRESNSIVKIFKNFKE KKSFKPDFGAESYGGFLLGVRVSVNGLAFYD WDNTELIRRIEIQPKHIFWSDSGELVCIATEESFFILKY LSEKVLAAQETHEGVTEDEGI

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EDAFEVLGEIQEIVKTGLWVGDCFIYTSSVNRLNYYVGGEIVTIAHLDRT MYLLGYIPK
 DNRLYLGDKELNIISYSLLVSVLEYQTAVMRRDFSMADKVLPTIPKEQRTTRVAHFLEK
 QGF KQQALTVSTDPEHRFELALQLGELKIAYQLAVEAESEQKWKQLAELAISKCQF
 GLAQECLHHAQDYGGLL LLATASGNANMVNKLAEAGAERDGGKNNVAFMSYFLQGKV
 DACLELLIRTGRLPEAAFLARTYLPSQVSRVV KLVRENLSKVNQKAAESLADPTEYE
 NLFPGKKEAFVVEEWVKETHADLWPAKQYPLVTPNEERNVMEEGK DFQPSRSTAQ
 QEIDGKPASPTPVIVASHTANKEEKSLLLEVDLDNLELEDIDTTDINLDEDILDD

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

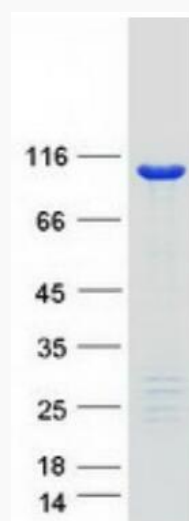
Gene Name	COPB2 COPI coat complex subunit beta 2 [Homo sapiens (human)]
Official Symbol	COPB2
Synonyms	OPDD; MCPH19; beta'-COP

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Gene ID	9276
mRNA Refseq	NM_004766.3
Protein Refseq	NP_004757.1
MIM	606990
UniProt ID	P35606



Coomassie blue staining of purified COPB2 protein.