

Recombinant Full Length Human COPB2 Protein, GST-tagged

Cat. No. COPB2-1951HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPB2 full-length ORF (NP_004757.1, 1 a.a. - 906 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	906 amino acids
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.[supplied by OMIM, Jul 2002]
Molecular Mass	128.9 kDa
AA Sequence	MPLRLDIKRKLTARSDRVKSVDLHPTEPWMLASLYNGSVCVWNHETQTLVKTFEVC DLPVRAAKFVARKNWWVTGADDMQIRVFNNTLERVHMFEAHSDYIRCIHVHTQP FILTSSDDMLIKLWDWDKKWSCSQVFEGHTHYVMQIVINPKDNNQFASASLDRTIKV WQLGSSSPNFTLEGHEKGVCIDYYSGGDKPYLISGADDRLVKIWDYQNKTCVQTL EGHAQNVSCASFHPELPIITGSEDGTVRIWHSSTYRLESTLNYGMERVWCVASLRG SNNVALGYDEGSIIVKLGREEPAMSMDANGKIIWAKHSEVQQANLKAMGDAEIKDGE RLPLAVKDMGSCEIYPQTIQHNPNGRFVVCGDGEYIIYTAMALRNKSFGSAQEF AWAHDSSSEYAIRESNSIVKIFKNFKEKKSFKPDFGAESYGGFLLGVRVSVNGLAFYDWDN TELIRRIEIQPKHIFWSDSGELVCIATEESFFILKYLSEKVLAAQETHEGVTE DGIEDAF EVLGEIQEIVKTGLWVGDCFIYTSSVNRLNYYVGGEIVTIAHLDRMTMYLLGYIPKDNRL

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YLGDKELNIISYSLLVSVLEYQTAVMRRDFSMADKVLPTIPKEQRTRVAHFLEKQGFK
 QQALTVSTDPEHRFELALQLGELKIAYQLAVEAESEQKWKQLAELAISKCQFGLAQE
 CLHHAQDYGGLLLLATASGNANMVNKLAEAGAERDGGKNNVAFMSYFLQGKVDACLE
 LLIRTGRLPEAAFLARTYLPSQVSRVVKLWRENLSKVNQKAAESLADPTEYENLFPG
 LKEAFVVEEWVKETHADLWPAKQYPLVTPNEERNVMEEGKDFQPSRSTAQQELDQ
 KPASPTPVIVASHTANKEEKSLLLEVDLDNLELEDIDTTDINLDEDILDD

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

COPB2 coatomer protein complex, subunit beta 2 (beta prime) [Homo sapiens]

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

mRNA Refseq

NM_004766

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Protein Refseq	NP_004757
MIM	606990
UniProt ID	P35606

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