

# Recombinant Full Length Human COPB2 Protein, GST-tagged

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

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human COPB2 full-length ORF ( NP_004757.1, 1 a.a. - 906 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | In Vitro Cell Free System   |
| <b>Protein Length</b>   | 906 amino acids   |
| <b>Description</b>      | 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]   |
| <b>Molecular Mass</b>   | 128.9 kDa   |
| <b>AA Sequence</b>      | <p>MPLRLDIKRKLTARSDRVKSVDLHPTPEWMLASLYNGSVCVWNHETQTLVKTFEVC<br/> DLPVRAAKFVARKNWWVTGADDMQIRVFNNTLERVHMFEAHSYIRCIHVHPTQP<br/> FILTSDDMLIKLWDWDKKWSCSQVFEGHTHYVMQIVINPKDNNQFASASLDRTIKV<br/> WQLGSSSPNFTLEGHEKGVNCIDYYSGGDKPYLISGADDRLVKIWDYQNKTCVQTL<br/> EGHAQNVSCASFPELPIITGSEDGTVRIWHSSTYRLESTLNYGMERVWCVASLRG<br/> SNNVALGYDEGSIIVKLGREEPAMSMDANGKIIWAKHSEVQQANLKAMGDAEIKDGE<br/> RLPLAVKDMGSCEIYPQTIQHNPNGRFVVCGDGEYIIYTAMALRNKSFSGAQEF<br/> AHDSSSEYAIRESNSIVKIFKNFKEKKSFKPDFGAESIYGGFLLGVRVSVNGLAFYDWDN<br/> TELIRRIEIQPKHIFWSDSGELVCIATEESFFILKYLSEKVLAAQETHEGVTE<br/> DGIEDAF<br/> EVLGEIQEIVKTGLWVGDCFIYTSSVNRLNYYVGGGEIVTIAHLDRTM<br/> YLLGYIPKDNRL</p> |

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YLGDKELNIIISYSLLVSVLEYQTAVMRRDFSMADKVLPTIPKEQRTRVAHFLEKQGFK  
 QQALTVSTDPEHRFELALQLGELKIAYQLAVEAESEQKWKQLAELAISKCQFGLAQE  
 CLHHAQDYGGLLLLATASGNANMVNKLAEGERDGKNNVAFMSYFLQGKVDACLE  
 LLIRTGRLPEAAFLARTYLPSQVSRVVKLWRENLSKVNQKAAESLADPTEYENLFPG  
 LKEAFVVEEWVKETHADLWPAKQYPLVTPNEERNVMEEGKDFQPSRSTAQQELD  
 KPASPTPVIVASHTANKEEKSLLELEVLDLNLELEDIDTTDINLDEDILDD

|                       |   |
|-----------------------|---|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.  |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.  |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.  |

## GENE INFORMATION

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|------------------------|--|
| <b>Gene Name</b>       | <a href="#">COPB2 coatomer protein complex, subunit beta 2 (beta prime) [ Homo sapiens ]</a>   |
| <b>Official Symbol</b> | <a href="#">COPB2</a>  |
| <b>Synonyms</b>        | 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 |
| <b>Gene ID</b>         | <a href="#">9276</a>   |
| <b>mRNA Refseq</b>     | <a href="#">NM_004766</a>  |



**Protein Refseq** NP\_004757

**MIM** 606990

**UniProt ID** P35606

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