

## Recombinant Human COPB2, GST-tagged

Cat. No. COPB2-11455H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human COPB2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	557-906a.a.
<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>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	COPB2 coatomer protein complex, subunit beta 2 (beta prime) [ Homo sapiens ]
<b>Official Symbol</b>	COPB2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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>
<b>Protein Refseq</b>	<a href="#">NP_004757</a>
<b>MIM</b>	<a href="#">606990</a>
<b>UniProt ID</b>	<a href="#">P35606</a>
<b>Chromosome Location</b>	3q23
<b>Pathway</b>	COPI Mediated Transport, organism-specific biosystem; Golgi to ER Retrograde Transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;
<b>Function</b>	binding; structural molecule activity;

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