

Recombinant Human COPB2, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

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

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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
Protein Refseq	NP_004757
MIM	606990
UniProt ID	P35606
Chromosome Location	3q23
Pathway	COPI Mediated Transport, organism-specific biosystem; Golgi to ER Retrograde Transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;
Function	binding; structural molecule activity;

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