

Recombinant Human COPG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COPG1-3841H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COPG MS Standard C13 and N15-labeled recombinant protein (NP_057212) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	COPG1 (COPI Coat Complex Subunit Gamma 1) is a Protein Coding gene. Diseases associated with COPG1 include Parainfluenza Virus Type 3. Among its related pathways are Transport to the Golgi and subsequent modification and Metabolism of proteins. Gene Ontology (GO) annotations related to this gene include binding and structural molecule activity. An important paralog of this gene is COPG2.
Molecular Mass	97.7 kDa
AA Sequence	MLKKFDKKDEESGGGSPFQHLEKSAVLQEARVFNETPINPRKCAHILTKILYLINQG EHLGTTEATEAFFAMTKLFQSNPTLRRMCYLTIKEMSCIAEDVIIVTSSLTKDMTGK EDNYRGPVAVRALCQITDSTMLQAIERYMKQAIVDKVPSVSSSALVSSLHLLKCSFDV VKRWVNEAQEAASSDNIMVQYHALGLLYHVRKNDRLAVNKMISKVTRHGLKSPFAY CMMIRVASKQLEEDGSRDSPLFDFIESCLRNKHEMVVYEAASAIVNLPGCSAKELA PAVSVLQLFCSSPKAALRYAAVRTLNKVAMKHPSAVTACNLDLENLVTDNSRSIATL AITLLKTGSESSIDRLMKQISSFMSEISDEFKVVVVQAISALCQKYPRKHAVLMNFLF TMLREEGGFEYKRAIVDCIISIIEENSESKETGLSHLCEFIEDCEFTVLATRILHLLGQE

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GPKTTNPSKYIRFIYNRVVLEHEEVRAGAVSALAKFGAQNEEMLPSILVLLKRCVMDD
 DNEVRDRATFYLVNLEQKQKALNAGYILNGLTVSIPGLERALQQYTLEPSEKPFDLKS
 VPLATAPMAEQRTTESTPITAVKQPEKVAATRQEIQEQLAAVPEFRGLGPLFKSSPE
 PVALTESETEYVIRCTKHTFTNHMVVFQFDCNTLNDQTLNVTQMEPTEAYEVLCY
 VPARSLPYNQPGTCYTLVALPKEDPTAVACTFSCMMKFTVKDCDPTTGETDDEGYE
 DEYVLEDLEVTVADHIQKVMKLNFEAAWDEVGDEFEKEETFTLSTIKTLEEAVGNIVK
 FLGMHPCERSDKVPDNKNHTHTLLLAGVFRGGHDILVRSRLLLLDTVTMQVTARSLEE
 LPVDIILASVGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [COPG1 COPI coat complex subunit gamma 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [COPG1](#)

Synonyms COPG1; coatomer protein complex, subunit gamma 1; COPG; coatomer subunit gamma-1; coat protein gamma-cop; coatomer protein complex subunit gamma 1; coatomer protein complex, subunit gamma; coatomer subunit gamma; gamma-1-COP; gamma-1-coat protein; gamma-COP; gamma-coat protein

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Gene ID	22820
mRNA Refseq	NM_016128
Protein Refseq	NP_057212
MIM	615525
UniProt ID	Q9Y678
SDS-PAGE	