

Recombinant Human COPG2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COPG2-6511H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COPG2 MS Standard C13 and N15-labeled recombinant protein (NP_036265) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	COPG2 (COPI Coat Complex Subunit Gamma 2) is a Protein Coding gene. Diseases associated with COPG2 include Silver-Russell Syndrome 1 and Autism. 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 COPG1.
Molecular Mass	97.4 kDa
AA Sequence	MIKKFDKKDEESGSGSNPFQHLEKSAVLQEARIFNETPINPRRCLHILTKILYLLNQGE HFGTTEATEAFFAMTRLFQSNQTLRRMCYLTIKEMATISEDVIIVTSSLTKDMTGKE DVYRGPAIRALCRITDGTMLQAIERYMKQAIVDKVSSVSSSALVSSLHMMKISYDVVK RWINEAQEAASSDNIMVQYHALGVLYHLRKNDR LAVSKMLNKF TKSG LKSQFAYCM LIRIASRLLKETEDGHESPLFD FIESCLRNKHEMVIYEAASAIHLPNCTARE LAPAVSV LQLFCSSPKPALRYAAVRTLNKVAMKHPSAVTACNLDLENLITDSNRSIATLAITLLK TGSESSVDRLMKQISSFVSEISDEFKVVVVQAI SALCQKYPRKHSVMMTFLSNMLRD DGGFEYKRAIVDCIISIVEENPESKEAGLAHLCEFIEDCEHTVLATKILHLLGKEGPRTP

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VPSKYIRFIFNRVVLENEAVRAAAVSALAKFGAQNESLLPSILVLLQRCMMDDTDEVR
 DRATFYLNVLQQRQMALNATYIFNGLTVSVPGMEKALHQYTLEPSEKPFDMKSIPLA
 MAPVFEQKAEITLVATKPEKLAPSRQDIFQEQLAAIPEFLNIGPLFKSSEPVLTEAET
 EYFVRCIKHMFNTNHIVFQFDCTNTLNDQLLEKVTVMQEPSDSYEVLSCHIPAPSLPYNQ
 PGICYTLVRLPDDPTAVAGSFSCMTMFTVRDCDPNTGVPDEDGYDDEYVLEDLEV
 TVSDHIQKVLKPNFAAAWEEVGDTFEKEETFALSSTKLEEAANNIITFLGMQPCERS
 DKVPENKNSHSLYLAGIFRGGYDLLVRSRLALADGVTMQVTVRSKERTPVDVILASV
 GTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	COPG2 COPI coat complex subunit gamma 2 [Homo sapiens (human)]
Official Symbol	COPG2
Synonyms	COPG2; coatomer protein complex, subunit gamma 2; coatomer subunit gamma-2; 2 COP; coat protein; nonclathrin; gamma 2 cop; gamma-2-COP; gamma-2-coat protein; coat protein, nonclathrin, gamma-2-cop; 2-COP; FLJ11781; DKFZp761N09121;
Gene ID	26958

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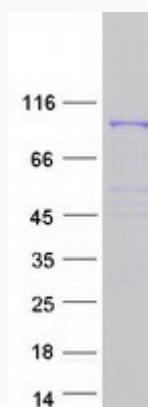
mRNA Refseq NM_012133

Protein Refseq NP_036265

MIM 604355

UniProt ID Q9UBF2

SDS-PAGE



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