

Recombinant Human COPG2 Protein, GST-tagged

Cat. No. COPG2-1697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPG2 full-length ORF (AAH17443, 1 a.a. - 799 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	COPG2 (Coatomer Protein Complex Subunit Gamma 2) is a Protein Coding gene. Diseases associated with COPG2 include Silver-Russell Syndrome. Among its related pathways are Vesicle-mediated transport and Transport to the Golgi and subsequent modification. GO annotations related to this gene include binding and structural molecule activity. An important paralog of this gene is COPG1.
Molecular Mass	113.63 kDa
AA Sequence	MTRLFQSNDQTLRRMCYLTIKEMATISEDVIVTSSLTKDMTGKEDVYRGPAIRALCRI TDGTMLQAIERYMKQAIVDKVSSVSSSALVSSLHMMKISYDVVKRWINEAQEAASSD NIMVQYHALGVLYHLRKNDR LAVSKMLNKFTKSG LKSQFAYCMLIRIASRLLKETEDG HESPLDFDIESCLRNKHEMVIYEAASAIHLPNCTARELAPAVSVLQLFCSSPKPALRY AAVRTLNKVAMKHPSAVTACNLDLENLITDSNRSIATLAITLLKTGSESSVDRLMKQI SSFVSEISDEFKVVVVQAISALCQKYPRKHSVMMTFLSNMLRDDGGFEYKRAIVDCII SIVEENPESKEAGLAHLCEFIEDCEHTVLATKILHLLGKEGPRTVPVPSKYIRFIFNRVVL ENEAVRAAAVSALAKFGAQNESLLPSILVLLQRCMMDDTDEVRDRATFYLNVLQQR QMALNATYIFNGLTVSVPGMEKALHQYTLEPSEKPFDMKSIPLAMAPVFEQKAEITLV

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ATKPEKLAPSRQDIFQEQLAAIPEFLNIGPLFKSSEPVLTEAETEFVRCIKHMFTNH
IVFQFDCTNTLNDQLLEKVTVMPEPSDSYEVLSCLPAPSLPYNQPGICYTLVRLPDDD
PTAVAGSFSCMTMKFTVRDCDPNTGVPDEDGYDDEYVLEDLEVTVSDHIQKVLKPNF
AAAWEEVGDTFEKEETFALSSTKTLLEEAVNNITFLGMQPCERSDKVPENKNSHSLY
LAGIFRGGYDLLVRSRLALADGVMTMQVTVRSKERTPVDVILASVG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

COPG2 coatomer protein complex, subunit gamma 2 [Homo sapiens]

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

mRNA Refseq

NM_012133

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Protein Refseq NP_036265

MIM 604355

UniProt ID Q9UBF2

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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