

Recombinant Full Length Human COPG2 Protein, GST-tagged

Cat. No. COPG2-1953HF **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	In Vitro Cell Free System
ProteinLength	799 amino acids
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 TDGTMQLQAIERYMKQAIVDKVSSVSSSALVSSLHMMKISYDVVKRWINEAQEAASSD NIMVQYHALGVLYHLRKNDRDLAVSKMLNKF TKSG LKSQFAYCMLIRIASRLLKETEDG HESPLDFDIESCLRNKHEMVIYEAASAIHLPNCTARELAPAVSVLQLFCSSPKPALRY AAVRTLNKVAMKHPSAVTACNLDLENLITDSNRSIATLAITLLKTGSESSVDRLMKQI SSFVSEISDEFKVVVVQAISALCQKYPRKHSVMMTFLSNMLRDDGGFEYKRAIVDCII SIVEENPESKEAGLAHLCEFIEDCEHTVLATKILHLLGKEGPRTVPVPSKYIRFIFNRVVL ENEAVRAAAVSALAKFGAQNESLLPSILVLLQRCMMDDTDEVRDRATFYLVNLVQQR

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QMALNATYIFNGLTVSVPGMEKALHQYTLEPSEKPFDMKSIPLAMAPVFEQKAEITLV
 ATKPEKLAPSRQDIFQEQLAAIPEFLNIGPLFKSSEPVQLTEAETEFVRCIKHMFNTNH
 IVFQFDCTNTLNDQLLEKVTVMPEPSDSYEVLSICIPAPSLPYNQPGICYTLVRLPDDD
 PTAVAGSFSCMTMKFTVRDCDPNTGVPDEDGYDDEYVLEDLEVTVSDHIQKVLKPNF
 AAWEVVGDTFEKEETFALSSTKTLEEAVNNIITFLGMQPCERSDKVPENKNSHSLY
 LAGIFRGGYDLLVRSRLALADGVTMQVTVRSKERTPVVDVILASVG

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

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