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	MTRLFQSNDQTLRRMCYLTIKEMATISEDVIIVTSSLTKDMTGKEDVYRGPAIRALCRI TDGTMLQAIERYMKQAIVDKVSSVSSSALVSSLHMMKISYDVVKRWINEAQEAASSD NIMVQYHALGVLYHLRKNDRLAVSKMLNKFTKSGLKSQFAYCMLIRIASRLLKETEDG HESPLFDFIESCLRNKHEMVIYEAASAIIHLPNCTARELAPAVSVLQLFCSSPKPALRY AAVRTLNKVAMKHPSAVTACNLDLENLITDSNRSIATLAITTLLKTGSESSVDRLMKQI SSFVSEISDEFKVVVVQAISALCQKYPRKHSVMMTFLSNMLRDDGGFEYKRAIVDCII SIVEENPESKEAGLAHLCEFIEDCEHTVLATKILHLLGKEGPRTPVPSKYIRFIFNRVVL ENEAVRAAAVSALAKFGAQNESLLPSILVLLQRCMMDTDDEVRDRATFYLNVLQQR QMALNATYIFNGLTVSVPGMEKALHQYTLEPSEKPFDMKSIPLAMAPVFEQKAEITLV

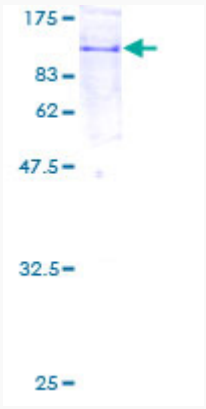
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	ATKPEKLAPSRQDIFQEQLAAIPEFLNIGPLFKSSEPVQLTEAETEYFVRCIKHMFTNH IVFQFDCTNTLNDQLLEKVTVQMEPSDSYEVLSCIPAPSLPYNQPGICYTLVRLPDDD PTAVAGSFSCTMKFTVRDCDPNTGVPDEDGYDDEYVLEDLEVTVSDHIQKVLKPNF AAAWEEVGDTFEKEETFALSSTKTLEEAVNNIITFLGMQPCERSDKVPENKNSHSLY LAGIFRGGYDLLVRSRLALADGVTMQVTVRSKERTPVDVILASVG
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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