Recombinant Human COPB1 Protein, GST-tagged

Cat. No. COPB1-1692H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPB partial ORF (NP_057535, 854 a.a. - 953 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein subunit of the coatomer complex associated with non-clathrin coated vesicles. The coatomer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatomer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]
Molecular Mass	36.74 kDa
AA Sequence	TVNTNMVDLNDYLQHILKSTNMKCLTPEKALSGYCGFMAANLYARSIFGEDALANVS IEKPIHQGPDAAVTGHIRIRAKSQGMALSLGDKINLSQKKTSI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

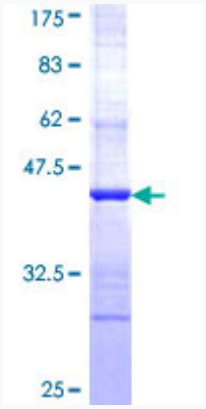
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	COPB1 coatomer protein complex, subunit beta 1 [Homo sapiens]
Official Symbol	COPB1
Synonyms	COPB1; coatomer protein complex, subunit beta 1; coatomer protein complex, subunit beta , COPB; coatomer subunit beta; beta-cop; beta coat protein; beta-coat protein; COPB; FLJ10341; FLJ46444; FLJ57957; DKFZp761K102;
Gene ID	1315
mRNA Refseq	NM_001144061
Protein Refseq	NP_001137533
MIM	600959
UniProt ID	P53618

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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