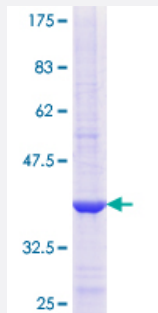


COPB2 (Human) Recombinant Protein (Q01)

Catalog # H00009276-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human COPB2 partial ORF (NP_004757.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPLRLDIKRKLTARSDRVKSVDLHPTEPWMLASLYNGSVCVWNHETQTLVKTFEVC DLPVRAAK FVARKNWVVTGADDMQIRVFNYNTLERVHMFEAHS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — COPB2

Entrez GeneID	9276
GeneBank Accession#	NM_004766
Protein Accession#	NP_004757.1
Gene Name	COPB2
Gene Alias	beta'-COP
Gene Description	coatomer protein complex, subunit beta 2 (beta prime)
Omim ID	606990
Gene Ontology	Hyperlink
Gene Summary	The Golgi coatomer complex (see MIM 601924) constitutes the coat of nonclathrin-coated vesicles and is essential for Golgi budding and vesicular trafficking. It consists of 7 protein subunits, including COPB2.[supplied by OMIM]
Other Designations	betaprime-COP coatomer binding complex, beta prime subunit