

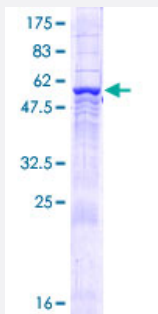
Full-Length

COPS6 (Human) Recombinant Protein (P01)

Catalog # H00010980-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human COPS6 full-length ORF (NP_006824.2, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAAAAAAAAATNGTGGSSGMEVDAAVPSVMACGVTGSVSVALHPLVILNISDHWIRMRSQEGR
PVQVIGALIGKQEGRNIEVMNSFELLSHTVEEKIIIDKEYYYTKEEQFKQVFKELEFLGWYTTGGPPD
PSDIHVHKQVCEIIIESPLFLKLNPMTKHTDLPVSVFESVIDIINGEATMLFAELTYTLATEEAERIGVD
HVARMTATGSGENSTVAEHLIAQHSAIKMLHSRVKLILEYVKASEAGEVPFNHEILREAYALCHCLP
VLSTDKFKTDFYDQCNDVGLMAYLGTITKTCNTMNQFVNKFNVLVYDRQGIGRRMRGLFF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.6

Interspecies Antigen Sequence

Mouse (98); Rat (98)

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 — COPS6

Entrez GeneID[10980](#)**GeneBank Accession#**[NM_006833.4](#)**Protein Accession#**[NP_006824.2](#)**Gene Name**

COPS6

Gene Alias

CSN6, MOV34-34KD

Gene Description

COP9 constitutive photomorphogenic homolog subunit 6 (Arabidopsis)

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26 S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein belongs to translation initiation factor 3 (eIF3) superfamily. It is involved in the regulation of cell cycle and likely to be a cellular cofactor for HIV-1 accessory gene product Vpr. [provided by RefSeq]

Other Designations

COP9 signalosome subunit 6|COP9 subunit 6 (MOV34 homolog, 34 kD)|H_NH0506M12.12|MOV34 homolog, 34 kD