



## COPS8 peptide (DAG-P1411)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| <b>Antigen Description</b>   | 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 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008] |
| <b>Purity</b>                | 70 - 90% by HPLC.  |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Sequence Similarities</b> | Belongs to the CSN8 family. Contains 1 PCI domain.   |
| <b>Format</b>                | Liquid   |
| <b>Preservative</b>          | None   |
| <b>Storage</b>               | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.  |

### GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | <a href="#">COPS8 COP9 signalosome subunit 8 [ Homo sapiens (human) ]</a>   |
| <b>Official Symbol</b> | COPS8   |
| <b>Synonyms</b>        | COPS8; COP9 signalosome subunit 8; COP9; CSN8; SGN8; COP9 signalosome complex subunit 8; hCOP9; COP9 homolog; signalosome subunit 8; JAB1-containing signalosome subunit 8; COP9 constitutive photomorphogenic homolog subunit 8; |

|                     |                             |
|---------------------|-----------------------------|
| Entrez Gene ID      | <a href="#">10920</a>       |
| mRNA Refseq         | <a href="#">NM_006710.4</a> |
| Protein Refseq      | <a href="#">NP_006701.1</a> |
| UniProt ID          | Q99627                      |
| Chromosome Location | 2q37.3                      |