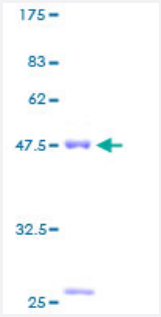
Full-Length

COPS8 (Human) Recombinant Protein (P01)

Catalog # H00010920-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human COPS8 full-length ORF (AAH03090, 1 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPVAVMAESAFSFKKLLDQCENQELEAPGGIATPPVYGQLLALYLLHNDMNNARYLWKRIPPAIK SANSELGGIWSVGQRIWQRDFPGIYTTINAHQWSETVQPIMEALRDATRRRAFALVSQAYTSIIADD FAAFVGLPVEEAVKGILEQGWQADSTTRMVLPRKPVAGALDVSFNKFIPLSEPAPVPPIPNEQQL ARLTDYVAFLEN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.73
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — COPS8

Entrez GeneID	10920
GeneBank Accession#	BC003090
Protein Accession#	AAH03090
Gene Name	COPS8
Gene Alias	COP9, CSN8, MGC1297, MGC43256, SGN8
Gene Description	COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis)
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly con served protein complex that functions as an important regulator in multiple signaling pathways. Th e 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 ligase s and act as a positive regulator of E3 ubiquitin ligases. Alternatively spliced transcript variants en coding distinct isoforms have been observed. [provided by RefSeq
Other Designations	COP9 signalosome subunit 8