

Product datasheet for **AR50101PU-N**

COPS8 (1-209, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	COPS8 (1-209, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPVAVMAESA FSFKLLDQC ENQLEAPGG IATPPVYGQL LALYLLHNDM NNARYLWKRI PPAIKSANSE LGGIWSVGQR IWQRDFPGIY TTINAHQWSE TVQPIMEALR DATRRRAFAL VSQAYTSIIA DDFAAFVGLP VEEAVKGILE QGWQADSTTR MVLPRKPVAG ALDVSFNKFI PLSEPAPVPP IPNEQQLARL TDYVAFLEN
Tag:	His-tag
Predicted MW:	25.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human COPS8 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006701
Locus ID:	10920
UniProt ID:	Q99627
Cytogenetics:	2q37.3
Synonyms:	Signalosome subunit 8, SGN8, CSN8



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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 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]

Product images: