

Product information



COPS8, 1-209aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1276

Full name: COP9 signalosome complex subunit 8

NCBI Accession No.: NP_006701

Synonyms: COP9, CSN8, SGN8

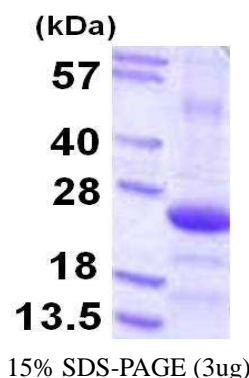
Description: COP9 signalosome complex subunit 8 isoform 1, also known as COPS8, is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that 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. Recombinant human COPS8 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight: 25.3 kDa (229aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MPVAVMAESA FSFKLLDQC ENQELEAPGG IATPPVYGQL LALYLLHNDM NNARYLWKRI PPAIKSANSE
LGGIWSVGQR IWQRDFPGIY TTINAHQWSE TVQPIMEALR DATRRRAFAL VSQAYTSIIA DDFAAFVGLP VEEAVKGILE QGWQADSTTR
MVLPRKPVAG ALDVSFNKFI PLSEPAPVPP IPNEQLARL TDYVAFLEN

General references:

Lyapina S., *et al.* (2001) *Science*. 292:1382-5.

Bech Otschir D., *et al.* (2001) *EMBO J.* 20:1630-9.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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