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COPS6 Human

COP9 Constitutive Photomorphogenic 6 Human Recombinant
RCP0499

Product Overview

Name	COPS6 Human

Description

COP9 Constitutive Photomorphogenic 6 Human Recombinant

Accession (Primary)	Q7L5N1

Synonyms

CSN6, MOV34-34KD, COP9 signalosome complex subunit 6, JAB1-containing signalosome subunit 6, MOV34 homolog, Vpr-interacting protein, hVIP, COPS6.

Introduction

COP9 Constitutive Photomorphogenic 6 (COPS6) is a member of the translation initiation factor 3 (eIF3) superfamily,peptidase M67A family and CSN6 subfamily. COPS6 is one of 8 subunits of COP9 signalosome,a highly conserved protein complex which functions as an significant regulator in multiple signaling pathways. COP9's structure and function of signalosome is similar to 19S regulatory particle of 26S proteasome. COP9 signalosome can interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases.COP9 takes part in the regulation of cell cycle and likely to be a cellular cofactor for HIV-1 accessory gene product Vpr.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

COPS6 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MAAAAAAAAA TNGTGGSSGM EVDAAVVPSV MACGVTGSVS VALHPLVILN ISDHWIRMRS QEGRPVQVIG ALIGKQEGRN IEVMNSFELL SHTVEEKIII DKEYYYTKEE QFKQVFKELE

FLGWYTTGGP PDPSDIHVHK QVCEIIESPL FLKLNPMTKH TDLPVSVFES VIDIINGEAT MLFAELTYTL ATEEAERIGV DHVARMTATG SGENSTVAEH LIAQHSAIKM LHSRVKLILE YVKASEAGEV PFNHEILREA YALCHCLPVL STDKFKTDFY DQCNDVGLMA YLGTITKTCN TMNQFVNKFN VLYDRQGIGR RMRGLFF.

Precautions

COPS6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7L5N1)