

Product datasheet for AR09653PU-N

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CCS / SOD4 (1-274, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: CCS / SOD4 (1-274, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MASDSGNQGT LCTLEFAVQM TCQSCVDAVR KSLQGVAGVQ DVEVHLEDQM VLVHTTLPSQ EVQALLEGTG RQAVLKGMGS GQLQNLGAAV AILGGPGTVQ GVVRFLQLTP ERCLIEGTID GLEPGLHGLH VHQYGDLTNN CNSCGNHFNP DGASHGGPQD SDRHRGDLGN VRADADGRAI FRMEDEQLKV WDVIGRSLII DEGEDDLGRG GHPLSKITGN

SGERLACGII ARSAGLFQNP KQICSCDGLT IWEERGRPIA GKGRKESAQP PAHL

Tag: His-tag
Predicted MW: 31.2 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 0.2M NaCl, 1 mM DTT, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human CCS protein, fused to His-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 005116

Locus ID: 9973

UniProt ID: <u>014618</u>

Cytogenetics: 11q13.2





Summary: Copper chaperone for superoxide dismutase specifically delivers Cu to copper/zinc

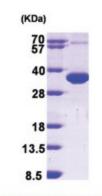
superoxide dismutase and may activate copper/zinc superoxide dismutase through direct

insertion of the Cu cofactor. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Amyotrophic lateral sclerosis (ALS)

Product images:



15% SDS-PAGE (3ug)