

Recombinant Human CSAD protein, His-tagged

Cat. No. CSAD-3538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSAD protein(344-493 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	344-493 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DVALDTGDKVVQCGRVDCLKLWLMWKAQGDQGLERRIDQAFVLARYLVEEMKKR EGFELVMEPEFVNVCFWFVPPSLRGKQESPDYHERLSKVAPVLKERMVKEGSMMI GYQPHGTRGNFFRVVVANSALTCADMDFLNLERLGQDL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CSAD cysteine sulfinic acid decarboxylase [Homo sapiens]
Official Symbol	CSAD
Synonyms	CSAD; cysteine sulfinic acid decarboxylase; CSD; P selectin cytoplasmic tail associated protein; PCAP; sulfinoalanine decarboxylase; cysteine-sulfinate decarboxylase; P-selectin cytoplasmic tail-associated protein; cysteine sulfinic acid decarboxylase-related protein; FLJ44987; FLJ45500; MGC119354; MGC119355; MGC119357;
Gene ID	51380
mRNA Refseq	NM_001244705
Protein Refseq	NP_001231634
UniProt ID	Q9Y600

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