

Recombinant Human CSE protein, GST-tagged

Cat. No. CSE-301599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSE (74-406 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala74-Ser406
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	AVAALDGAKYCLAFASGLAATVTITHLLKAGDQIICMDDVYGGTNRYFRQVASEFGL KISFVDCSKIKLLEAAITPETKLWVIETPTNPTQKVIDIEGCAHIVHKHGDIIILVVDNTFM SPYFQRPLALGADISMYSATKYMNGHSDVVMGLVSVNCESLHNRLRFLQNSLGAVP SPIDCYLCNRGLKTLHVRMEKHFKNGMAVAQFLESNPWVEKVIYPGLPSHPQHEL KRQCTGCTGMVTFYIKGTLQHAEIFLKNLKLFTLAESLGGFESLAELPAIMTHASVLK NDRDVLGISDTLIRLSVGLEDEEDLLEDLDQALKAHPPSGSHS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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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.

GENE INFORMATION

Gene Name	CTH cystathionine gamma-lyase [Homo sapiens (human)]
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Official Symbol	CSE
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Synonyms	CTH
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Gene ID	1491
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mRNA Refseq	NM_001190463
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Protein Refseq	NP_001177392
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MIM	607657
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UniProt ID	P32929
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