

## Recombinant Human CSN1S1 protein, His-tagged

**Cat. No.** CSN1S1-1666H **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CSN1S1 protein is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	16-185 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH7.0). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	RPKLPLRYPERLQNPSESSEPIPLESREEYMNGMNRQRNILREKQTDEIKDTRNEST QNCVVAEPEKMESSISSSSEEMSLSKCAEQFCRLNEYNQLQLQAAHAQEQRMMNE NSHVQVPFQQLNQLAAYPYAVWYYPQIMQYVPPFPFSDISNPTAHENYEKNNVMLQ W
<b>Purity</b>	> 90 %, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store for up to 12 months at -20 to -80 centigrade as lyophilized powder.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

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If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

**Shipping** The product is shipped at ambient temperature.

## GENE INFORMATION

<b>Gene Name</b>	CSN1S1 casein alpha s1 [ Homo sapiens ]
<b>Official Symbol</b>	CSN1S1
<b>Synonyms</b>	CSN1S1; casein alpha s1; CASA, casein, alpha , CSN1; alpha-S1-casein; casein, alpha; CASA; CSN1; MGC149368;
<b>Gene ID</b>	1446
<b>mRNA Refseq</b>	NM_001025104
<b>Protein Refseq</b>	NP_001020275
<b>MIM</b>	115450
<b>UniProt ID</b>	P47710

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