

Recombinant Human CSN1S1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CSN1S1 protein is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag.
Species	Human
Source	E.coli
ProteinLength	16-185 aa
Form	The purified protein was Lyophilized from sterile PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH7.0). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	RPKLPLRYPERLQNPSESSEPIPLESREEYMNGMNRQRNIREKQTDEIKDTRNEST QNCVVAEPEKMESSISSSEEMSLSKCAEQFCRLNEYNQLQLQAAHAQEQRMMNE NSHVQVPFQQLNQLAAYPYAVWYYPQIMQYVPFPFSDISNPTAHENYEKNNVMLQ W
Purity	> 90 %, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store for up to 12 months at -20 to -80 centigrade as lyophilized powder.
Reconstitution	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

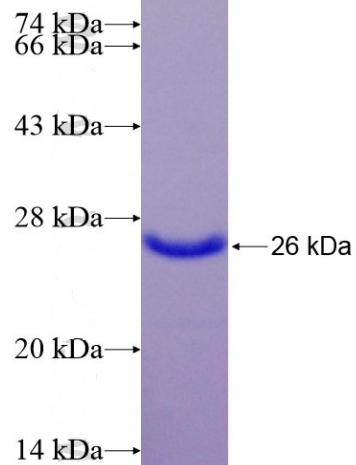
Gene Name	CSN1S1 casein alpha s1 [Homo sapiens]
Official Symbol	CSN1S1
Synonyms	CSN1S1; casein alpha s1; CASA, casein, alpha , CSN1; alpha-S1-casein; casein, alpha; CASA; CSN1; MGC149368;
Gene ID	1446
mRNA Refseq	NM_001025104
Protein Refseq	NP_001020275
MIM	115450
UniProt ID	P47710

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