

Casein Alpha (CSN1) Recombinant Protein | CSN1 recombinant protein

Recombinant Casein Alpha (CSN1)

CATALOG # AAA150756	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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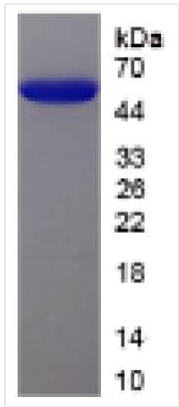
PRODUCT SYNONYMS

Casein Alpha (CSN1); Recombinant Casein Alpha (CSN1); Casein Alpha; CASA; CSN1; CSN1S1; Casein Alpha S1; Caseinate; Caseine/caseine/Kasein/caseina; Alpha-S1-casein; Casoxin-D; CSN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for CSN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met16~Trp313
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



MPRLH SRNAVSSQTQ QQHSSEEIF KQPKYLNLNQ
EFVNNMNRQR ALLTEQNDEI KVTMDAASEE QAMASAQEDS SSSSSSESE
EAIPNITEQK NIANEDMLNQ CTLEQLQRQF KYNQLLKAS LAKQASLFQQ
PSLVQQASLF QQPSLLQAS LFQQPSMAQQ ASLLQQLLA QQPSLALQVS
PAQQSSLVQQ AFLAQQASLA QKHHPRLSQS YYPHMEQPYR MNAYSQVQMR
HPMSVVDQAL AQFSVQPFQ IFQYDAFPLW AYFPQDMQYL TPKAVLNTEK
PIVSKDTEKT NVW

Sequence

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CSN1 recombinant protein	Signal transduction; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553727135
NCBI GeneID	12990
NCBI Accession #	NP_001272944.1
NCBI GenBank Nucleotide #	NM_001286015.1
UniProt Accession #	P19228
Molecular Weight	Predicted Molecular Mass: 47.8kDa Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	alpha-S1-casein isoform b
NCBI Official Synonym Full Names	casein alpha s1
NCBI Official Symbol	Csn1s1
NCBI Official Synonym Symbols	Csna; AA959832; AW212882
NCBI Protein Information	alpha-S1-casein
UniProt Protein Name	Alpha-S1-casein
UniProt Gene Name	Csn1s1
UniProt Synonym Gene Names	Csn1; Csna; Alpha-casein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.